

= d his

(FILE 'HOME' ENTERED AT 16:19:26 ON 15 MAR 1999)

FILE 'BIOSIS, WPIDS, MEDLINE, EMBASE, CAPLUS' ENTERED AT 16:19:42 ON 15 MAR 1999

L1 632511 S TRANSPLANT? OR XENOGRAFT OR ALLOGRAFT  
L2 748475 S PORCINE OR PIG OR SWINE  
L3 10106 S GALACTOSYLTRANSFERASE OR GALT  
L4 544869 S MARKER OR (NEO OR G418) OR (HYG OR HYGROMYCIN)  
L5 325184 S (DNA(5A)CONSTRUCT?) OR VECTOR  
L6 71376 S (ES OR EMBRYON?) (6A)CELL OR (PRIMORDIAL(W)GERM(W)CELL)  
L7 7524 S PLURIPOTENT OR TOTIPOTENT  
L8 25631 S TRANSGEN?  
L9 16007 S L1 AND L2  
L10 115 S L2 AND L3  
L11 10 S L4 AND L5 AND L2 AND L8  
L12 6 S L1 AND L6 AND L8  
L13 1 S L3 AND L7 AND L4  
L14 144 S L6 AND L8  
L15 77 S L2 AND L6 AND L8  
L16 10 S L2 AND L7 AND L8  
L17 72 DUP REM L10 L11 (61 DUPLICATES REMOVED)  
L18 56 DUP REM L15 L16 (37 DUPLICATES REMOVED)  
L19 122 DUP REM L17 L18 (6 DUPLICATES REMOVED)

= d au ti so pd pi 1-6 L12

L12 ANSWER 1 OF 6 BIOSIS COPYRIGHT 1999 BIOSIS

AT Chen, Chao-Guang; Elsicaro, Nella; Shinkel, Trixie A.; Aitken, Victoria;  
Katerelos, Marina; Van Denderen, Bryce J. W.; Tange, Margaret J.;  
Crawford, Robert J.; Robins, Allan J.; Pearce, Martin J.; D'Apice,

Anthony

J. E. 111

TI Reduction in Gal-alpha-1,3-Gal epitope expression in **transgenic**  
mice expressing human H-transferase.

SO Xenotransplantation, (1996) Vol. 3, No. 1 PART 1, pp. 69-75.

ISSN: 0903-665X.

PD 1996

L12 ANSWER 2 OF 6 WPIDS COPYRIGHT 1999 DERWENT INFORMATION LTD

IN BAETSCHER, M W; GUSTAFSSON, K T; SACHS, D H

TI Novel **transgenic** alpha (1,3) galactosyl transferase negative  
swine - used to produce rejection resistant cells for xenogenic  
transplantation.

PI WO 9518411 A1 951016 (9548)\* EN 56 pp C07H017-00

EW: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

W: AU CA JP KR MX US

AJ 9503331 A 951110 (9607) C07H017-00

EP 755402 A1 970119 (9710) EN C07H017-00

R: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

JP 10:04442 W 980506 (9828) 63 pp A01K067-027

EP 755402 A4 971116 (9840) C07H017-00

L12 ANSWER 3 OF 6 EMBASE COPYRIGHT 1999 ELSEVIER SCI. B.V.

AU Soullieu J.-P.

TI [Immunological problems specific to xenografts].  
PROBLEMES IMMUNOLOGIQUES SPECIFIQUES DES XENOGREFFES.  
SO BioDrugs, (1997) SUPPL. 1 (29-32).

Refs: 2  
ISSN: 1173-8804 CODEN: BIDREF  
PD 1997

L12 ANSWER 4 OF 6 EMBASE COPYRIGHT 1999 ELSEVIER SCI. B.V.

AU Stirnaker M.G.; Vilotte J.L.; Soulier S.; Mercier J.C.

TI Creation and phenotypic analysis of .alpha.-lactalbumin-deficient mice.

SO Proceedings of the National Academy of Sciences of the United States of America, (1994) 91/14 (6544-6548).

ISSN: 0027-8424 CODEN: PNASAG  
PD 1994

L12 ANSWER 5 OF 6 CAPLUS COPYRIGHT 1999 ACS

IN D'Apice, Anthony J. F.; Pearse, Martin J.; Robins, Allan J.; Crawford, Robert J.; Rathjen, Peter D.

TI Minimizing hyperacute rejection in human xenotransplantation by elimination of antigenic polysaccharides

SO U.S., 42 sp., Cont.-in-part of U.S. Ser. No. 188,607, abandoned.  
CODEN: USXXAM

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5842991	A	19981015	US 95-378617	19950116
CA 2181433	AA	19950803	CA 95-2181433	19950117
EP 755451	A1	19970119	EP 95-907116	19950117

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,

SE

EP 7506652	A	19970902	BR 95-6652	19950117
AU 4877423	A1	19981001	AU 98-77428	19980721

L12 ANSWER 6 OF 6 CAPLUS COPYRIGHT 1999 ACS

AU Stirnaker, M. G.; Vilotte, J. L.; Mercier, J. C.

TI Creation and phenotypic analysis of .alpha.-lactalbumin-deficient mice

SO Proc. Natl. Acad. Sci. U. S. A. (1994), 91(14), 6544-8  
CODEN: PNASAG; ISSN: 0027-8424

=> d bib 113

L13 ANSWER 1 OF 1 WPIDS COPYRIGHT 1999 DERWENT INFORMATION LTD  
AU 95-373759 [48] WPIIS  
ENC 045-141951  
TI Novel **transgenic** alpha (1,3) galactosyl transferase negative  
swine - used to produce rejection resistant cells for xenogenic  
transplantation.  
EC B04 B16  
IN BAETSCHER, M W; GUSTAFSSON, K T; SACHS, D H  
EA (BIOT-N) BIOTRANSPLANT INC; (GEHO) GEN HOSPITAL CORP; (CHIL-N) INST CHILD  
HEALTH  
CYC 17  
E1 WO 9528412 A1 951070 (9548)\* EN 56 pp  
EW: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE  
W: AU CA JP KR ME US  
AU 952332 A 951110 (9607)  
EP 755402 A1 970119 (9710) EN  
R: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NI PT SE  
JP 10504442 W 980506 (9828) 62 pp  
EP 755402 A4 971116 (9840)  
ALT WO 952841 A1 WO 95-US3940 950331; AU 9522332 A AU 95-22332 950331; EP  
755402 A1 EP 95-915459 950331; WO 95-US3940 950331; JP 10504442 W JP  
95-373759 950331; WO 95-US3940 950331; EP 755402 A4 EP 95-915459  
FIT AU 952233 A Based on WO 9528412; EP 755402 A1 Based on WO 9528412; JP  
10504442 W Based on WO 9528412  
PFAI UF 94-228413 940413

=> d wo-113 ti so au pd pt 119

L19 ANSWER 00 OF 123 EMBASE COPYRIGHT 1999 ELSEVIER SCI. B.V.  
TI Beyond hyperacute rejection: Strategies for development of **pig**  
kidney. primate xenotransplantation.  
SO Kidney International, Supplement, (1997) 51/58 (S-36-S-40).  
Refs: 31  
ISSN: 0894-6577 CODEN: KISUDF  
AU Hancock W.W.  
PD 1997

L19 ANSWER 01 OF 123 WPIDS COPYRIGHT 1999 DERWENT INFORMATION LTD  
TI **Porcine** hepatocyte(s) with surface antigen modified to inhibit  
xenogenic rejection - partic. by masking with specific antibody, useful  
for **transplantation** to treat liver disease, e.g. familial  
hypercholesterolaemia.  
IN EDGE, A; GUNSALUS, J R  
E1 WO 9607602 A1 961116 (9702)\* EN 61 pp C12N005-06  
EW: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
W: AU CA JP  
AU 9608748 A 961211 (9713) C12N005-06  
EP 832193 A1 980401 (9817) EN C12N005-06  
R: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

L19 ANSWER 62 OF 123 CAPLUS COPYRIGHT 1999 ACS  
TI Fowlpox virus expression **vectors** for use in poultry vaccines  
SO PWT Int. Appl., 135 pp.  
CODEN: PIKXD2

IN Cochran, Mark D.; Junker, David E.; Singer, Philip A.  
PATENT NO.                      KIND      DATE                      APPLICATION NO.      DATE  
-----  
PI WO 9640880                      A1      19961219                      WO 96-US11187                      19960614  
W: AL, AM, AT, AU, AG, BB, BG, BR, BY, CA, CH, CN, CR, DE, DK, EE, ES, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MH, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SI, SE, SG, SI  
FW: KE, LS, MW, SD, SE, UG, AT, BE, CH, DE, DK, ES, FI, FR, GE, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML  
CA 1223591                      AA      19961219                      CA 96-1213891                      19960604  
AU 9604819                      A1      19961230                      AU 96-64819                      19960604  
EP 830197                      A1      19980401                      EP 96-924336                      19960604  
F: AT, BE, CH, DE, DK, ES, FR, GB, GE, IT, LI, LU, NL, SE, MC, PT, IE, FI

L19 ANSWER 63 OF 123 CAPLUS COPYRIGHT 1999 ACS

TI Cloning and expression of a cDNA for human dihydropyrimidine dehydrogenase

and its use in preventing reactions to 5-fluorouracil

SO PCT Int. Appl., 78 pp.

CODEN: PIXXD2

IN Gonzalez, Frank J.; Fernandez-Salguero, Pedro

PATENT NO.                      KIND      DATE                      APPLICATION NO.      DATE  
-----  
PI WO 9608598                      A2      19960311                      WO 95-US12016                      19950917  
WO 9608598                      A3      19960517  
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM  
FW: KE, MW, SD, SE, UG, AT, BE, CH, DE, DK, ES, FF, GB, GE, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, ME, NE, SN, TD, TG  
US 5816454                      A      19990105                      US 94-304389                      19940912  
CA 2149808                      AA      19960321                      CA 95-1199808                      19950907  
AU 9636801                      A1      19960329                      AU 95-36801                      19950907  
AT 690347                      B2      19980423  
EP 784687                      A2      19970723                      EP 95-93447                      19950907  
F: AT, BE, CH, DE, DK, ES, FR, GB, GE, IE, IT, LI, LU, MC, NL, PT,

SE

L19 ANSWER 64 OF 123 CAPLUS COPYRIGHT 1999 ACS

TI Totipotent cells for nuclear transfer for the preparation of **transgenic** animals

SO PCT Int. Appl., 28 pp.

CODEN: PIXXD2

IN McWhir, James; Campbell, Keith Henry Stockman

PATENT NO.                      KIND      DATE                      APPLICATION NO.      DATE  
-----  
PI WO 9607732                      A1      19960314                      WO 95-GB2035                      19950905  
W: AM, AU, BB, BG, BR, BY, CA, CH, CZ, EE, FI, GE, HU, IS, JP, KG, KP, KR, KZ, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TT, UA, US, VE, VN  
FW: KE, MW, SD, SE, UG, AT, BE, CH, DE, DK, ES, FF, GB, GE, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, ME, NE, SN, TD, TG  
AU 9633956                      A1      19960317                      AU 95-33956                      19950905

L19 ANSWER 65 OF 123 CAPLUS COPYRIGHT 1999 ACS

TI **Transgenesis** in the rat and larger mammals

SO J. Clin. Invest. (1996), 98(11, Suppl.), S37-S40

CODEN: JGINAO; ISSN: 0021-9738

AU Mullins, Linda J.; Mullins, John J.

- L19 ANSWER 66 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
 TI **Transgenesis** in the rat and larger mammals.  
 SO Journal of Clinical Investigation, (1996) Vol. 97, pp. 1557-1560.  
 ISSN: 0021-9738.  
 AU Mullins, Linda J.; Mullins, John J. (1)  
 PD 1996
- L19 ANSWER 67 OF 123 MEDLINE  
 TI Strategies to overcome the anti-Gal alpha (1-3)Gal reaction in xenotransplantation.  
 SO TRANSPLANTATION PROCEEDINGS, (1996 Apr) 28 (2) 537.  
 Journal code: WE9. ISSN: 0041-1345.  
 AU McKenzie I F; Osman N; Cohnhey S; Vaughan H A; Patton K; Mouhtouris E; Atkin J D; Elliott E; Fodor W L; Squinto S P; Burton D; Gallop M A; Oldenburg K R; Sandrin M S
- L19 ANSWER 68 OF 123 CAPLUS COPYRIGHT 1999 ACS  
 TI Development of **transgenic swine** as heterotopic organ transplantation donor  
 SO Chikusan no Kenkyu (1996), 50(4), 493-8  
 CODEN: CKNFAJ; ISSN: 0009-3874  
 AU Sato, Eimei
- L19 ANSWER 69 OF 123 MEDLINE  
 TI Selective ablation of differentiated **cells** permits isolation of **embryonic stem cell** lines from murine embryos with a non-permissive genetic background.  
 SO NATURE GENETICS, (1996 Oct) 14 (2) 223-6.  
 Journal code: BRO. ISSN: 1061-4036.  
 AU McWhir J; Schnieke A E; Ansell E; Wallace H; Colman A; Scott A R; Kind A J
- L19 ANSWER 70 OF 123 EMBASE COPYRIGHT 1999 ELSEVIER SCI. B.V.  
 TI Tissue distribution of GAL.alpha.(1,3)GAL epitope in heart, kidney, and liver of **pig** and mouse.  
 SO Transplantation Proceedings, (1996) 28/1 (216).  
 ISSN: 0041-1345 CODEN: TRPPA8  
 AU Hayashi S.; Katayama A.; Nagasaka T.; Negita M.; Yokoyama I.; Takagi H.  
 PD 1996
- L19 ANSWER 71 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
 TI Development of in vivo gene therapy for hearing disorders: Long term **transgene** expression within guinea **pig** cochlea using adeno-associated viral **vector**.  
 SO American Journal of Human Genetics, (1996) Vol. 59, No. 4 SUPPL., pp. A102.  
 Meeting Info.: 46th Annual Meeting of the American Society of Human Genetics San Francisco, California, USA October 29-November 2, 1996  
 ISSN: 0002-9297.  
 AU Lalwani, A. K. (1); Walsh, B. J. (1); Feilly, G. (1); Muzyczka, N.; Mhatre, A. N. (1)  
 PD 1996
- L19 ANSWER 72 OF 123 MEDLINE  
 TI Molecular strategies for clinical xenotransplantation in cardiothoracic surgery.  
 SO SEMINARS IN THORACIC AND CARDIOVASCULAR SURGERY, (1996 Apr) 8 (2) 156-74.  
 Ref: 131  
 Journal code: A2L. ISSN: 1043-0679.  
 AU Hoopes C W; Platt J F
- L19 ANSWER 73 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
 TI **Embryonic stem cells**, their genetic modification by homologous recombination and use in producing **transgenic** animals.

- SO Uspekhi Sovremennoi Biologii, (1996) Vol. 116, No. 1, pp. 78-91.  
ISSN: 0042-1324.
- AI Savchenkova, I. P. (1); Zinov'eva, N. A.; Bulla, G. Brem, G.  
PO 1996
- L19 ANSWER 74 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI Ribozyme mediated inhibition of **pig** alpha-1,  
3galactosyltransferase (alpha-1, 3GT).
- SO Cell Transplantation, (1996) Vol. 5, No. 5 SUPPL. 2, pp. 76.  
Meeting Info.: Third International Congress of the Cell Transplant  
Society  
Miami Beach, Florida, USA September 29-October 2, 1996  
ISSN: 0963-6897.
- AI Atiya, A. W.; Wood, T. F.; Une, S.; Srivatsin, E. S.; Scanlon, K. J.;  
Passaro, E.; Mullen, Y.  
PO 1996
- L19 ANSWER 75 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS DUPLICATE 5  
TI Reduction in Gal-alpha-1,3-Gal epitope expression in transgenic mice  
expressing human H-transferase.
- SO Xenotransplantation, (1996) Vol. 3, No. 1 PART 2, pp. 69-75.  
ISSN: 0908-665X.
- AI Chen, Chao-Guang; Fisicaro, Nella; Shinkel, Trixie A.; Aitken, Victoria;  
Katerelos, Marina; Van Denderen, Bryce J. W.; Tange, Margaret J.;  
Crawford, Robert J.; Robins, Allan J.; Pearse, Martin J.; D'Apice,  
Anthony  
J. F. (1)  
PO 1996
- L19 ANSWER 76 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI **Pig** alpha1,3galactosyltransferase: A major target for genetic  
manipulation in xenotransplantation.
- SO Frontiers in Bioscience (online), (1996) Vol. 1, No. CITED SEPT. 10,  
1997,  
pp. E34-41.
- AI Strahan, Karen; Preece, Andrew; Gustafsson, Kenth (1)  
PO 1996
- V L19 ANSWER 77 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI The alpha-1,3-**galactosyltransferase** knockout mouse: Implications  
for xenotransplantation.
- SO Transplantation (Baltimore), (1996) Vol. 61, No. 1, pp. 13-19.  
ISSN: 0041-1337.
- AI Tearle, Rick G.; Tange, Margaret J.; Gannettino, Zara L.; Katerelos,  
Marina; Shinkel, Trixie A.; Van Denderen, Bryce J. W.; Lonie, Andrew J.;  
Lyons, Ian; Nottle, Mark B.; Cox, Timothy; Becker, Christiane; Peura,  
Anita M.; Wigley, Peter L.; Crawford, Robert J.; Robins, Allan J.;  
Pearse,  
Martins J.; D'Apice, Anthony J. F. (1)  
PO 1996
- L19 ANSWER 78 OF 123 EMBASE COPYRIGHT 1999 ELSEVIER SCI. B.V.  
TI **Transgenesis** in the rat and larger mammals.
- SO Journal of Clinical Investigation, (1996) 98/11 SUPPL. (S37-S40).  
ISSN: 0021-9738 CODEN: JCINAO
- AI Mullins L.J.; Mullins J.J.  
PO 1996
- V L19 ANSWER 79 OF 123 CAPLUS COPYRIGHT 1999 ACS  
TI **Pig** alpha.1,3-Galactosyltransferase: a major target  
for genetic manipulation in xenotransplantation
- SO Front. Biosci. [Electronic Publication] (1996), 1(Avail. URL:  
<http://www.bioscience.org/bioscience/1996/v1/e/strahan1/htmls/list.htm>),  
No pp. Given  
CODEN: FFBIF6

AU Strahan, Karen; Preece, Andrew; Gustafsson, Kenth

L19 ANSWER 80 OF 123 EELINE

TI Nudging xenotransplantation towards humans [comment].

SO NATURE MEDICINE, (1995 May) 1 (5) 403-4.

Journal code: CG5. ISSN: 1078-8956.

AU Fabre J W

L19 ANSWER 81 OF 123 WPIDS COPYRIGHT 1999 DERWENT INFORMATION LTD  
DUPLICATE &

TI Novel transgenic alpha (1,3) galactosyl transferase negative **swine**  
- used to produce rejection resistant cells for xenogenic  
**transplantation.**

IN BAETSCHER, M W; GUSTAFSSON, K T; SACHS, D H

PI WO 9528412 A1 951014 (9548)\* EN 56 pp C07H017-00

FW: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

W: AU CA JP KP MX US

AT 9522332 A 951110 (9607) C07H017-00

EP 755401 A1 970119 (9710) EN C07H017-00

E: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

JP 10504443 W 980506 (9828) 62 pp A01K067-017

EP 755401 A4 971116 (9840) C07H017-00

L19 ANSWER 82 OF 123 WPIDS COPYRIGHT 1999 DERWENT INFORMATION LTD

TI New alpha-1,3-**galactosyltransferase** and leukaemia inhibitor  
factor - corresp. DNA and nucleic acid constructs for inactivating the  
transferase gene; for eliminating hyperacute rejection in human  
**transplants.**

IN CRAWFORD, S J; DAPICE, A J F; PEARSE, M J; FATHJEN, P D; ROBBINS, A J;

ROBBINS, A J; D'APICE, A J F

PI WO 9570661 A1 950803 (9536)\* EN 130 pp C12N015-54

FW: AM AT BE BY CH DE DK ES FR GB GR IE IT KE KG KI LI LU MC MD MW NL

PT PU SD SE TJ

W: AU BB BG BF CA CN CZ EE FI GE HU JP KP KR LK LR LT LV MG MN MX NO

NI PL RD SI SK TT UA UZ VN

AU 9515445 A 950815 (9546) C12N015-54

EP 755451 A1 970119 (9710) EN C12N015-54

E: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

BF 9506682 A 970901 (9741) C12N015-54

JP 09508277 W 970816 (9744) 162 pp C12N015-00

KE 97700768 A 970212 (9809) C12N015-54

EP 755451 A4 971116 (9840) C12N015-54

AM 695373 B 980813 (9844) C12N015-54

AU 9877428 A 981001 (9851) C12N015-54

US 5849991 A 981215 (9906) C12N005-00

L19 ANSWER 83 OF 123 WPIDS COPYRIGHT 1999 DERWENT INFORMATION LTD

TI New totipotent ungulate **embryonic** stem **cell** lines -  
used for cloning ungulates and prod. of **transgenic** cell lines  
and **transgenic** and chimeric ungulates.

IN STICE, S L; STRELCHENKO, N

PI WO 9516770 A1 950622 (9530)\* EN 59 pp C12N005-00

FW: AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ

W: AM AT AU BB BG BF BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG

KP KR KI LK LR LT LU LV MD ME MN MW NL NO NZ PL PT RD RU SD SE SI

SK TJ TT UA UZ VN

AU 9514392 A 950703 (9540) C12N005-00

L19 ANSWER 84 OF 123 CAPLUS COPYRIGHT 1999 ACS

TI Inhibition of hyperacute rejection of xenogeneic **transplants** by  
inhibition of synthesis of polysaccharide cell-surface antigens

SO PCT Int. Appl., 67 pp.

CODEN: PIXXD2

IN Edge, Albert

PATENT NO.

KIND DATE

APPLICATION NO. DATE

PI WO 9533828 A1 19951214 WO 95-US5973 19950517  
W: AU, CA, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE  
CA 2191891 AA 19951214 CA 95-2191891 19950517  
AU 9525879 A1 19960104 AU 95-25879 19950517  
EP 964207 A1 19970326 EP 95-920434 19950517  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,  
SE

L19 ANSWER 85 OF 123 CAPLUS COPYRIGHT 1999 ACS  
TI **Embryonic stem cells** as nuclear donors and nuclear  
transfer techniques to produce chimeric and **transgenic** animals  
SO PET Int. Appl., 55 pp.  
CODEN: PIXXD2  
IN Stice, Steven L.; Strelchenko, Nick; Betthausen, Jeff; Scott, Brett;  
Jurgella, Gail  
PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 9517500 A1 19950629 WO 94-US13270 19941223  
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CT, DE, DK, EE, ES, FI,  
GB, GE, HU, JP, KE, KG, KR, KZ, LK, LR, LT, LU, LV, MD, MG,  
MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TH, TT, UA,  
UG, VN  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,  
SE

L19 ANSWER 36 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI **Embryonic stem cell** strategies: Beyond the mouse  
model.  
SO Monastersky, G. M. [Editor]; Rebl, J. M. [Editor]. (1995) pp. 73-85.  
Strategies in transgenic animal science.  
Publisher: American Society for Microbiology (ASM) Books Division, 1325  
Massachusetts Ave. NW, Washington, DC 20005-4171, USA.  
ISBN: 1-55581-096-9.  
AU Pinkert, Carl A. (1); Stice, Steven A.  
PE 1995

L19 ANSWER 37 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI Oocyte Gal-alpha-1,3gal epitopes implicated in sperm adhesion to the zona  
pellucida glycoprotein ZP3 are not required for fertilization in the  
mouse.  
SO Journal of Biological Chemistry, (1995) Vol. 270, No. 37, pp.  
21437-21440.  
ISSN: 0021-9258.  
AU Thall, Aron D. (1); Maly, Petr; Lowe, John B. (1)  
PE 1995

L19 ANSWER 88 OF 123 CAPLUS COPYRIGHT 1999 ACS  
TI Current status and challenges in the production of **transgenic**  
**pigs**  
SO Tanpakushitsu Kakusan Koso (1995), 40(14), 2241-8  
CODEN: TAKEAJ; ISSN: 0039-9450  
AU Nagashima, Hiroshi

L19 ANSWER 39 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI Increased anti-gal activity in diabetic patients **transplanted**  
with fetal **porcine** islet cell clusters.  
SO Transplantation (Baltimore), (1995) Vol. 59, No. 11, pp. 1549-1556.  
ISSN: 0041-1337.



AU Galili, Uri (1); Tibell, Annika; Samuelsson, Bo; Rydberg, Lennart; Groth, Carl Gustav  
PD 1995

L19 ANSWER 90 OF 123 MEDLINE

TI Enzymatic remodelling of the carbohydrate surface of a xenogenic cell substantially reduces human antibody binding and complement-mediated cytotoxicity [see comments].

SO NATURE MEDICINE, (1995 Dec) 1 (12) 1261-7.

Journal code: JG5. ISSN: 1078-8956.

AI Sandrin M S; Fodor W L; Mouhtouras E; Osman N; Dohney S; Rollins S A; Guilmette E R; Setter E; Squinto S P; McKenzie I F

L19 ANSWER 91 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS

TI Expression of **porcine** transforming growth factor-beta.

SO Indian Journal of Experimental Biology, (1995) Vol. 33, No. 9, pp. 706-709.

ISSN: 0019-5184.

AI Agrawal, Sanjeev (1); De Crombrughe, B.

PD 1995

✓ L19 ANSWER 92 OF 123 CAPLUS COPYRIGHT 1999 ACS

TI **Pig** alpha.1,3-**galactosyltransferase**: Sequence of a full-length cDNA clone, chromosomal localization of the corresponding gene, and inhibition of expression in cultured **pig** endothelial cells

SO Transplant. Proc. (1995), 27(1), 245-6

CODEN: TRPPA8; ISSN: 0041-1345

AI Strahan, K. M.; Gu, F.; Andersson, L.; Gustafsson, K.

L19 ANSWER 93 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS

TI Biochemical studies of **pig** xenotransplantation antigens detected by naturally occurring human antibodies and the galactose-alpha(1-3)galactose reactive lectin.

SO Transplantation (Baltimore), (1995) Vol. 59, No. 1, pp. 102-109.

ISSN: 0041-1337.

AI Vaughan, Hilary A.; McKenzie, Ian F. C.; Sandrin, Mauro S. (1)

PD 1995

✓ L19 ANSWER 94 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS

TI cDNA sequence and chromosome localization of **pig** alpha-1,3 **galactosyltransferase**.

SO Immunogenetics, (1995) Vol. 41, No. 2-3, pp. 101-105.

ISSN: 0093-7711.

AI Strahan, Karen M.; Gu, Feng; Preece, Andrew F.; Gustafsson, Ingemar; Andersson, Leif; Gustafsson, Kenth (1)

PD 1995

✓ L19 ANSWER 95 OF 123 CAPLUS COPYRIGHT 1999 ACS

TI **Transgenic pigs**: current status, challenges, and future prospects

SO Organ Biol. (1995), 2(1), 67-75

CODEN: OFBIF3; ISSN: 1340-5152

AI Nagashima, Hiroshi; Yamakawa, Hirohito; Nagai, Takuya

L19 ANSWER 96 OF 123 WPIDS COPYRIGHT 1999 DEFWENT INFORMATION LTD

TI Prod. of chimeric and **transgenic** ungulate(s), partic.

**pigs** - using ungulate **embryonic stem cells** and recipient embryos from the same ungulate species..

IN WHEELER, M B

PI WO 9426884 A1 941124 (9501)\* EN 95 pp C12N015-00

RW: AT BE CH DE DK ES FR GB GF IE IT LU MC NL PT SE

W: AU CA JP

AU 9470193 A 941212 (9521) C12N015-00

EP 701608 A1 960320 (9616) EN C12N015-00

L19 ANSWER 97 OF 123 CAPLUS COPYRIGHT 1999 ACS  
 TI Method for maintaining **embryonic stem cells** and avian  
 factor useful for same  
 SO PCT Int. Appl., 53 pp.  
 CODEN: PIXXD2  
 IN Dyer, Shanny Leigh; Jennings, Philip; Lockett, Trevor; Heath, John Kaye  
 PATENT NO. KIND DATE APPLICATION NO. DATE  
 -----  
 FI WO 9403985 A1 19940217 WO 93-AU399 19930804  
 W: AU, CA, JP, NZ, US  
 FW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

L19 ANSWER 98 OF 123 MEDLINE  
 TI Human naturally occurring antibodies to **pig xenografts**  
 SO TRANSPLANTATION PROCEEDINGS, (1994 Jun) 26 (3) 1392.  
 Journal code: WE9. ISSN: 0041-1345.  
 AU Sandrin M S; Vaughan H A; Dabkowski P L; McKenzie I F

V L19 ANSWER 99 OF 123 MEDLINE  
 TI Isolation of a cDNA clone encoding the **pig alpha 1,3 galactosyltransferase**.  
 SO TRANSPLANTATION PROCEEDINGS, (1994 Jun) 26 (3) 1335.  
 Journal code: WE9. ISSN: 0041-1345.  
 AU Dabkowski P L; Vaughan H A; McKenzie I F; Sandrin M S

L19 ANSWER 100 OF 123 MEDLINE  
 TI Gal alpha(1,3)Gal is the major xenoepitope expressed on **pig**  
 endothelial cells recognized by naturally occurring cytotoxic human  
 antibodies.  
 SO TRANSPLANTATION, (1994 Oct 27) 58 (8) 879-82.  
 Journal code: WEJ. ISSN: 0041-1337.  
 AU Vaughan H A; Loveland B E; Sandrin M S

V L19 ANSWER 101 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
 TI Progress and Emerging Problems in Livestock **Transgenesis**: A  
 Summary Perspective.  
 SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp.  
 643-657.  
 ISSN: 1031-3613.  
 AU Seemark, R. F.  
 PD 1994

V L19 ANSWER 102 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
 TI **Transgenic** Livestock as Genetic Models of Human Disease.  
 SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp.  
 643-645.  
 ISSN: 1031-3613.  
 AU Petters, Robert M.  
 PD 1994

V L19 ANSWER 103 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
 TI Development and Validation of **Swine Embryonic Stem Cells**: A Review.  
 SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp.  
 563-568.  
 ISSN: 1031-3613.  
 AU Wheeler, Matthew B.  
 PD 1994

L19 ANSWER 104 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS

TI De novo methylation of an MHC class I **transgene** following transformation with human adenoviruses is not correlated with its altered expression.

SO JMA and Cell Biology, (1994) Vol. 13, No. 4, pp. 321-331.  
ISSN: 1044-5498.

AU Katz, Shoshana Livini; Ehrlich, Rachel (1)

PD 1994

L19 ANSWER 105 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS

TI Transcriptional regulation of class-I major histocompatibility complex genes transformed in murine cells is mediated by positive and negative regulatory elements.

SO Gene (Amsterdam), (1994) Vol. 144, No. 2, pp. 265-270.  
ISSN: 0378-1119.

AU Rotem-Yehudar, Pinat; Shechter, Hana; Ehrlich, Rachel (1)

PD 1994

L19 ANSWER 106 OF 123 MEDLINE

TI Gal alpha (1,3)Gal, the major xenoantigen(s) recognised in **pigs** by human natural antibodies.

SO IMMUNOLOGICAL REVIEWS, (1994 Oct) 141 169-90. Ref: 61  
Journal code: GC4. ISSN: 0105-2896.

AU Sandrin M S; McKenzie I F

L19 ANSWER 107 OF 123 EMBASE COPYRIGHT 1999 ELSEVIER SCI. B.V.

TI alpha.1,3Galactosyltransferase: A target for in vivo genetic manipulation in xenotransplantation.

SO Immunological Reviews, (1994) - 141 (59-70).  
ISSN: 0105-2896 CODEN: IMRED2

AU Gustafsson K.; Strahan K.; Preece A.

PD 1994

L19 ANSWER 108 OF 123 WFIDS COPYRIGHT 1999 DERWENT INFORMATION LTD

TI cDNA encoding bile salt-stimulated lipase/carboxyl ester lipase - expressed

by **transgenic** non-human mammals and used as human milk substitute, contains intron sequences.

IN BJURSELL, K G; CARLSSON, P N I; ENERBAECK, C S M; HANSSON, S L; LIDBERG, U F P; NILSSON, J A; TOERNELL, J B F; ENERBAECK, C S M; CARLSSON, P N; ENERBAECK, M S C; HANSSON, L S; LIDBERG, P F U; NILSSON, A J; TOERNELL, F B J; TOERNELL, J P F; BJURSELL, G; CARLSSON, P; ENERBAECK, S; HANSSON, L; LIDBERG, U; NILSSON, J; TOERNELL, J; BJURSEL, K G; ENERBAECK, S C M

PI WO 9325669 A1 931223 (9401)\* EN 76 pp C12N009-20

RW: AT BE CH DE DK ES FR GB GR IE IT LU MC NL CA PT SE  
W: AT AU BE BG BR CA CH CZ DE DK ES FI GB HU JP KE KR KZ LK LU MG MN  
MW NL NO NZ PL PT RO RU SD SE SK UA VN

CA 9303690 A 940223 (9415) 71 pp C12N000-00

AT 9343667 A 940104 (9417) C12N009-20

NO 9404715 A 950207 (9514) C12N015-55

FI 9406793 A 950209 (9518) C12N000-00

EP 691793 A1 950510 (9523) EN C12N009-20

R: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

CH 1986262 A 940504 (9528) C12N015-55

DE 9403091 A3 950712 (9538) C12N009-20

SK 9401456 A3 950809 (9541) C12N009-20

JP 07507687 W 950831 (9543) 21 pp C12N015-09

IL 953391 A 960126 (9610) C12N015-55

AU 670648 B 960725 (9637) C12N009-20

US 5616493 A 970401 (9719) 43 pp C12N005-10

HU 91789 T 960228 (9740) C12N009-20

US 5616817 A 980210 (9813) 43 pp C12N015-00

TW 839435 A 980411 (9838) C12N009-20

SG 52580 A1 980328 (9903) C12N009-20

IL 105874 A 981227 (9907) C12N005-10

L19 ANSWER 109 OF 127 CAPLUS COPYRIGHT 1999 ACS  
 TI An integrative expression system using the mtr gene of *Neurospora crassa*  
 SO PCT Int. Appl., 29 pp.  
 CODEN: PIXXD2  
 IN Stuart, W. Dorsey; Koo, Kenneth; Mandel, Morton; Kato, Elie K.;  
 Greenwood, Fred C.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9325683	A1	19931123	WO 93-US5866	19930617
W: AT, AU, BB, BG, BF, CA, CH, DE, DK, ES, FI, GB, HU, JP, KP, KR, LF, LU, MG, MN, MW, NL, NO, PL, PO, RU, SD, SE				
PW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AT 9346413	A1	19940104	AU 93-46413	19930617

L19 ANSWER 110 OF 123 CAPLUS COPYRIGHT 1999 ACS  
 TI **Transgenic** animals lacking prion proteins and control of spongiform encephalopathies  
 SO PCT Int. Appl., 48 pp.  
 CODEN: PIXXD2

IN Weissmann, Charles; Bueller, Hansruedi; Auet, Michel; Fischer, Marek

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9310227	A1	19930527	WO 92-EP2631	19921116
W: JP, US				
FW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
EP 613495	A1	19940907	EP 92-923723	19921116
E: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, SE				
US 5298763	A	19971216	US 94-244010	19940621

L19 ANSWER 111 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
 TI Anti-**pig** IgM antibodies in human serum react predominantly with Gal(alpha-1-3)Gal epitopes.  
 SO Proceedings of the National Academy of Sciences of the United States of America, (1993) Vol. 90, No. 23, pp. 11391-11395.  
 ISSN: 0027-3424.  
 AU Sandrin, Mauro S. (1); Vaughan, Hilary A.; Dabkowski, Paul L.; McKenzie, Ian F. C.  
 PI 1993

✓ L19 ANSWER 112 OF 123 MEDLINE  
 TI Characterisation of a cDNA clone encoding the **pig** alpha 1,3 **galactosyltransferase**: implications for xenotransplantation.  
 SO TRANSPLANTATION PROCEEDINGS, (1993 Oct) 25 (5) 2921.  
 Journal code: WE9. ISSN: 0041-1345.  
 AU Dabkowski P L; Vaughan H A; McKenzie I F; Sandrin M S

✓ L19 ANSWER 113 OF 123 MEDLINE  
 TI Studies on human naturally occurring antibodies to **pig xenografts**.  
 SO TRANSPLANTATION PROCEEDINGS, (1993 Oct) 25 (5) 2917-8.  
 Journal code: WE9. ISSN: 0041-1345.  
 AU Sandrin M S; Vaughan H A; Dabkowski P L; McKenzie I F

✓ L19 ANSWER 114 OF 123 MEDLINE  
 TI Manipulating early **pig** embryos.  
 SO JOURNAL OF REPRODUCTION AND FERTILITY. SUPPLEMENT, (1993) 48 75-94. Ref: 148  
 Journal code: JWR. ISSN: 0449-3087.  
 AU Niemann H; Feichelt B

L19 ANSWER 115 OF 123 WPIDS COPYRIGHT 1999 DERWENT INFORMATION LTD  
 TI Use of leukaemia inhibitory factor - for enhancing implantation and

development and maintaining viability of embryos.

IN FFY, P C; PAFR, I  
 PI WO 9201040 A 920023 (9207)\*  
 FW: AT BE CH DE DK ES FR GB GR IT LU NL SE  
 W: AU CA DK JP US  
 AU 9181063 A 920024 (9220) C12N005-06  
 JP 05508541 W 931202 (9402) 8 pp A01K067-02  
 AU 949459 B 940526 (9426) C12N005-06  
 US 5366488 A 941122 (9501) 7 pp A61B017-42  
 AU 9471513 A 941124 (9503) C12N005-06  
 EF 951787 A1 950510 (9523) EN C12N005-06  
 R: AT BE CH DE DK ES FR GB GR IT LI LU NL SE  
 US 5712156 A 980127 (9811) 7 pp C12N005-85  
 AU 987075 B 980219 (9824) C12N005-06

L19 ANSWER 116 OF 123 WPIDS COPYRIGHT 1999 DERWENT INFORMATION LTD  
 TI Construction of **transgenic** animals - by introducing foreign gene  
 under control of cytosolic phospho-phenol-pyruvate carboxy-kinase  
 promoter  
 into foetus.

IN HANSON, R W; HATTOGLU, M; MCGHANE, M; SHOF, J  
 PI US 5075229 A 911224 (9203)\*

V L19 ANSWER 117 OF 123 WPIDS COPYRIGHT 1999 DERWENT INFORMATION LTD  
 TI Derivation of pluripotential **embryonic** stem cells -  
 useful for prodn. of **transgenic** animals.

IN EVANS, M J; MOOR, R M; NOTARANNI, E; TARANNI, E  
 PI WO 9003432 A 900405 (9017)\*

FW: AT BE CH DE FR GB IT LU NL SE  
 W: AU BR JP US  
 AT 8343217 A 900418 (9027)  
 EF 435978 A 910710 (9138)  
 R: AT BE CH DE FR GB IT LI LU NL SE  
 BR 8907666 A 910730 (9135)  
 JP 04100909 W 900220 (9014) 12 pp C12N005-06  
 AU 950616 B 940630 (9430)

L19 ANSWER 118 OF 123 MEDLINE  
 TI Is the bronchus-associated lymphoid tissue (BALT) an integral structure  
 of

the lung in normal mammals, including humans?  
 SO AMERICAN JOURNAL OF RESPIRATORY CELL AND MOLECULAR BIOLOGY, (1990 Aug) 3  
 (3) 151-5.

Journal code: AOR. ISSN: 1044-1549.  
 AU Pabst R; Gehrke I

V L19 ANSWER 119 OF 123 MEDLINE  
 TI Maintenance and differentiation in culture of pluripotential  
**embryonic cell** lines from **pig** blastocysts.

SO JOURNAL OF REPRODUCTION AND FERTILITY. SUPPLEMENT, (1990) 41 51-6.  
 Journal code: JWR. ISSN: 0449-3087.

AU Notarianni E; Laurie S; Moor R M; Evans M C

L19 ANSWER 120 OF 123 CAPLUS COPYRIGHT 1999 ACS  
 TI Therapeutic antimicrobial polypeptides and animals and animal cells  
 producing them

SO PET Int. Appl., 64 pp.

CODEN: PIXXD2

IN Jaynes, Jesse M.; Enright, Frederick M.; White, Kenneth L.  
 PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 8800139 A1 19890112 WO 88-US2265 19880706

W: AU, FI, JP, KR, NO

FW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE

CA 1327311 A1 19940301 CA 88-571157 19880705

AU 8820714	A1	19890130	AU 88-20714	19880706
EP 365598	1	19900502	EP 88-206511	19880706
EP 365593	1	19950405		
P: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
JP 03503522	T2	19910303	JP 88-506420	19880706
AT 120795	E	19950415	AT 88-206511	19880706
US 5361473	A	19990119	US 95-301736	19950906

L19 ANSWER 121 OF 123 CAPLUS COPYRIGHT 1999 ACS  
 TI Dietary and hormonal regulation of expression of exogenous genes in **transgenic** animals under control of the promoter of the gene for phosphoenolpyruvate carboxykinase  
 SD PET Int. Appl., 62 pp.  
 CODEN: PIKXD2  
 IN Hanson, Richard W.; McGrane, Mary; Wynshaw-Boris, Anthony; Short, Jay; Hatzoglou, Maria  
 PATENT NO.                      KIND      DATE                      APPLICATION NO.      DATE  
 -----  
 P1 WO 8410354                      A1      19881229                      WO 88-US1943                      19880613  
     W: AT, AU, BB, BG, BR, CH, DE, DK, FI, GB, HU, JP, KP, KR, LK, LU, MC, MG, MW, NL, NO, RO, SD, SE, SU  
     FW: AT, BE, BJ, CF, CG, CH, CM, DE, FR, GA, GB, IT, LU, ML, MR, NL, SE, SN, TD, TG  
 AU 8819861                      A1      19890119                      AU 88-19861                      19880613  
 AU 618958                      B2      19920110  
 EP 365591                      A1      19900502                      EP 88-206340                      19880613  
     F: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE  
 JP 03500482                      T2      19910307                      JP 88-505623                      19880613  
 US 5075279                      A      19911224                      US 88-205776                      19880613

L19 ANSWER 122 OF 123 EMBASE COPYRIGHT 1999 ELSEVIER SCI. B.V.  
 TI Genetic factors affecting blood lipoproteins: the candidate gene approach.  
 SD Journal of Lipid Research, (1988) 29:4 (397-429).  
 ISSN: 0022-2275 CODEN: JLPRAW  
 AU Lasis A.J.  
 P1 1988

L19 ANSWER 123 OF 123 EMBASE COPYRIGHT 1999 ELSEVIER SCI. B.V.  
 TI Immunological milestones in the ontogeny of hamster, guinea **pig**, sheep, and man.  
 SD Federation Proceedings, (1978) 37/7 (2028-2030).  
 CODEN: FEPPA7  
 AU Solomon J.E.  
 P1 1978

= log y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	140.22	140.37

STN INTERNATIONAL LOGOFF AT 16:37:30 ON 15 MAR 1999

08/984,900

=> d his

(FILE 'USPAT' ENTERED AT 15:46:05 ON 15 MAR 1999)

L1 16140 S TRANSPLANT? OR XENOGRAFT OF ALLOGRAFT  
L2 219 S GALACTOSYLTRANSFERASE OR GALT  
L3 29535 S POFICINE OR FIG OF SWINE  
L4 40157 S MARKER OR (NEO OF G418) OR (HYG OF HYGROMYCIN)  
L5 74042 S (DNA(5A)CONSTRUCT) OR VECTOR  
L6 10609 S ES OF (EMBRYON?(5A)CELL) OF (PRIMORDIAL(W)GERM(W)CELL)  
L7 595 S PLURIPOTENT OR TOTIPOTENT  
L8 3130 S TRANSGEN?  
L9 29 S L1 AND L2  
L10 49 S L2 AND L3  
L11 1726 S 4 ANT L5 AND L8  
L12 1256 S L4 AND L5 AND L8  
L13 119 S L17 AND L6  
L14 307 S L13 AND L5  
L15 1676 S L3 AND L4 AND L5  
L16 29 S L2 AND L15  
L17 41 S L3 AND L7 AND L8  
L18 406 S L9 OR L10 OR L14 OR L16 OR L17  
L19 1 S 800/13/CCLS AND L18  
L20 4 S 800/17/CCLS AND L18  
L21 161 S 435/320.1/CCLS AND L18  
L22 47 S 435/325/CCLS AND L18  
L23 1 S 435/172.3/CCLS AND L18  
L24 31 S 536/23.2/CCLS AND L18

=> d 1-2 119

1. 5,852,214, Dec. 22, 1993, .alpha.-lactalbumin gene constructs; Julian David Cooper, et al., 800/7; 435/69.1, 71.1; **800/13**, 15, 18 [IMAGE AVAILABLE]

2. 5,850,093, Dec. 15, 1993, Animal models for loss and gain of Hcx11 function; Stanley J. Korsmeyer, 800/3; 435/320.1; 536/23.1, 23.5; 800/9, **13** [IMAGE AVAILABLE]

=> d 1-4 120

1. 5,880,327, Mar. 9, 1999, **Transgenic** mammals expressing human coagulation factor VIII; Henryk Lubon, et al., 435/455; 800/4, 7, 15, 16, 17, **18**, 21 [IMAGE AVAILABLE]

2. 5,849,937, Dec. 15, 1993, Mice homozygous for an inactivated .alpha.-1,3-galactosyl transferase gene; Anthony J. F. d'Apice, et al., 800/8; 435/320.1, 394, 463; **800/17**, 18, 21, 22, 24 [IMAGE AVAILABLE]

3. 5,705,712, Jan. 6, 1998, Universal donor cells; Peter J. Sims, et al., **800/17**; 536/23.1; 800/14, 18 [IMAGE AVAILABLE]

4. 5,589,504, Dec. 31, 1996, Expression of human protein C in mammary tissue of **transgenic** mammals; William N. Erohan, et al., 800/7; 435/69.6, 212; 800/14, 15, 16, **17**, 18 [IMAGE AVAILABLE]

1. 5,874,243, Feb. 23, 1999, Mammalian flap-specific endonuclease; John Joseph Harrington, et al., 435/252.3, 69.1, 199, 252.33, 320.1; **536/23.2**, 23.5 [IMAGE AVAILABLE]
2. 5,874,243, Feb. 23, 1999, G-beta-gamma regulated phosphatidylinositol-3-kinase; Len Stephens, et al., 435/194, 252.3, 320.1, 325, 358, 365, 366; 530/350, 829; **536/23.2**, 23.4, 23.5 [IMAGE AVAILABLE]
3. 5,869,271, Feb. 9, 1999, G-beta-gamma regulated phosphatidylinositol-3-kinase; Len Stephens, et al., 435/15, 193, 194; 530/350, 829; **536/23.2**, 23.5 [IMAGE AVAILABLE]
4. 5,859,212, Jan. 12, 1999, Human phosphatidylcholine phospholipase D; David W. Leung, et al., **536/23.2**; 435/4, 69.1, 198, 252.3, 320.1; 530/350; **536/23.5** [IMAGE AVAILABLE]
5. 5,858,751, Jan. 12, 1999, Compositions and methods for producing steryltransferases; James C. Paulson, et al., 435/193, 69.1, 252.3, 320.1; 530/350; **536/23.2** [IMAGE AVAILABLE]
6. 5,856,132, Jan. 5, 1999, G-beta-gamma regulated phosphatidylinositol-3-kinase; Len Stephens, et al., 435/69.2, 69.1, 69.7, 194, 252.3, 320.1, 325, 358, 365, 366; 530/350, 829; **536/23.2**, 23.4, 23.5 [IMAGE AVAILABLE]
7. 5,834,290, Nov. 10, 1998, Recombinant stratum corneum chymotryptic enzyme (SCCE); Torbjorn Egelrud, et al., 435/226, 69.1, 252.3, 252.33, 320.1; **536/23.2**, 23.5 [IMAGE AVAILABLE]
8. 5,830,744, Nov. 3, 1998, Gene encoding human Dnase; Craig A. Eosen, et al., 435/252.3, 199, 320.1, 325, 419; **536/23.2** [IMAGE AVAILABLE]
9. 5,821,117, Oct. 13, 1998, Xenotransplantation therapies; Mauro S. Sandrin, et al., 435/320.1, 325; **536/23.2** [IMAGE AVAILABLE]
10. 5,817,748, Oct. 6, 1998, Modified factor VII; Kathleen L. Berkner, et al., **536/23.2**; 435/212, 226, 325 [IMAGE AVAILABLE]
11. 5,801,233, Sep. 1, 1998, Nucleic acid compositions encoding acetyl-coa carboxylase and uses therefor; Robert Haselkorn, et al., 536/23.6; 435/69.1, 252.3, 252.33, 257.2, 320.1, 419, 975; **536/23.2**, 24.3 [IMAGE AVAILABLE]
12. 5,801,030, Sep. 1, 1998, Methods and **vectors** for site-specific recombination; Duncan L. McVey, et al., 435/456, 320.1, **462**; **536/23.1**, 23.2 [IMAGE AVAILABLE]
13. 5,789,296, Jul. 14, 1998, Compositions and methods to promote homologous recombination in eukaryotic cells and organisms; William K. Holloman, et al., 435/320.1; **536/23.2** [IMAGE AVAILABLE]
14. 5,776,477, Jul. 7, 1998, Methods of detecting cystic fibrosis gene by nucleic acid hybridization; Lap-Chee Tsui, et al., 435/6, 91.2; **536/23.2**, 24.3, 24.33 [IMAGE AVAILABLE]
15. 5,770,420, Jun. 23, 1998, Methods and products for the synthesis of oligosaccharide structures on glycoproteins, glycolipids, or as free molecules, and for the isolation of cloned genetic sequences that determine these structures; John B. Lowe, et al., 435/193, 252.3, 320.1, 325; **536/23.2**, 23.4 [IMAGE AVAILABLE]
16. 5,747,326, May 5, 1998, Isolated nucleic acid molecules which encode



mammalian .alpha.2,8 polysialyl transferases; Rita Gerardy-Schahn, et al., 435/325, 69.1, 195, 252.3, 252.33, 320.1, 348, 358, 365; 530/350; **536/23.2**, 23.5 [IMAGE AVAILABLE]

17. 5,744,343, Apr. 28, 1998, Ubiquitin conjugating enzymes; Giulio Draetta, et al., 435/193, 252.3, 254.11, 320.1, 325; **536/23.2**, 23.4 [IMAGE AVAILABLE]

18. 5,719,055, Feb. 17, 1998, Transposon-based transformation **vectors**; Richard K. Cooper, 435/320.1, 252.33; **536/23.2**, 23.7, 24.1 [IMAGE AVAILABLE]

19. 5,693,445, Dec. 16, 1997, Human PAK65; Arie Abo, et al., 435/325, 322.3, 323.1, 348; **536/23.2** [IMAGE AVAILABLE]

20. 5,665,533, Sep. 9, 1997, Methods and materials relating to IMPIH and GMP production; Frank R. Cellart, et al., 435/191, 89, 252.3, 252.33, 320.1, 325, 358; **536/23.2**, 23.5 [IMAGE AVAILABLE]

21. 5,658,730, Aug. 19, 1997, Rel a targeted ribozymes; Dan T. Stinchcomb, et al., 435/366, 6, 91.31, 320.1, 325; 514/44; **536/23.1**, **23.2**, 24.5 [IMAGE AVAILABLE]

22. 5,650,501, Jul. 22, 1997, Serine/threonine kinase and nucleic acids encoding same; James W. Dennis, et al., **536/23.2**; 435/69.1, 194, 320.1, 325, 348, 352, 358, 365, 367, 419; 530/324, 350; **536/24.1**, 24.31 [IMAGE AVAILABLE]

23. 5,650,313, Jul. 22, 1997, Ubiquitin conjugating enzymes 8 and 9; Jian Ni, et al., 435/193, 69.1, 252.3, 320.1, 325, 352, 357, 358, 364, 365, 367; **536/23.2** [IMAGE AVAILABLE]

24. 5,648,210, Jul. 15, 1997, Nucleotide sequences of galactinol synthase from zucchini and soybean; Phillip S. Kerr, et al., 435/6, 91.2; **536/23.1**, **23.2**, 23.6, 24.3 [IMAGE AVAILABLE]

= d 40-87 123

40. 5,749,245, Aug. 4, 1998, Alphavirus structural protein expression cassettes; Thomas W. Dubensky, Jr., et al., 435/320.1, 69.1, **325**; **536/23.72** [IMAGE AVAILABLE]

41. 5,749,195, Aug. 4, 1998, Human notch and delta, binding domains in topophytic proteins, and methods based thereon; Spyridon Artavanis-Tsakonas, et al., 435/69.1, 7.1, 252.3, 320.1, **325**; 530/300, 350; **536/23.1**, 23.5 [IMAGE AVAILABLE]

42. 5,736,465, Jul. 28, 1998, Secreted proteins and polynucleotides encoding them; Kenneth Jacobs, et al., **536/23.5**; 435/69.1, 252.3, 254.11, 320.1, **325**; 530/300, 350; **536/23.1** [IMAGE AVAILABLE]

43. 5,780,300, Jul. 14, 1998, Manipulation of non-terminally differentiated cells using the notch pathway; Spyridon Artavanis-Tsakonas, et al., 435/377, **325**, 366, 372, 375 [IMAGE AVAILABLE]

44. 5,776,262, Jul. 7, 1998, Obesity associated genes; Michael North, et al., 435/252.3, 6, 69.1, **325**; **536/23.1**, 23.5, 24.3, 24.31 [IMAGE AVAILABLE]

45. 5,773,289, Jun. 30, 1998, AAV directed targeted integration; Richard Jude Samulski, et al., 435/320.1, 69.1, 235.1, **325**; 514/44 [IMAGE AVAILABLE]

46. 5,770,432, Jun. 23, 1993, Obesity associated genes; Patsy Nishina, et al., 435/252.3, 6, **325**; 536/23.1, 23.5, 24.31 [IMAGE AVAILABLE]
47. 5,770,420, Jun. 23, 1993, Methods and products for the synthesis of oligosaccharide structures on glycoproteins, glycolipids, or as free molecules, and for the isolation of cloned genetic sequences that determine those structures; John B. Lowe, et al., 435/193, 252.3, 320.1, **325**; 536/23.1, 23.4 [IMAGE AVAILABLE]
48. 5,766,446, Jun. 16, 1993, 10A1 Retroviral packaging cells and uses thereof; A. Dusty Miller, 435/235.1, 320.1, **325** [IMAGE AVAILABLE]
49. 5,763,114, Jun. 9, 1993, Fibroblast growth factor 11; Jing-Shan Hu, et al., 435/69.1, 252.3, 320.1, **325**; 536/23.5 [IMAGE AVAILABLE]
50. 5,747,326, May 5, 1993, Isolated nucleic acid molecules which encode mammalian alpha.2,8 polysialyl transferases; Rita Gerardy-Schahn, et al., **435/325**, 69.1, 193, 252.3, 252.33, 320.1, 348, 358, 365; 530/350; 536/23.2, 23.5 [IMAGE AVAILABLE]
51. 5,747,325, May 5, 1993, Devices comprising genetically engineered beta cells; Christopher B. Newgard, **435/325**; 424/425, 520; 435/6, 69.1, 372.2; 530/303, 350, 397; 604/891.1 [IMAGE AVAILABLE]
52. 5,744,143, Apr. 28, 1993, Ubiquitin conjugating enzymes; Giulio Draetta, et al., 435/193, 252.3, 254.11, 320.1, **325**; 536/23.2, 23.4 [IMAGE AVAILABLE]
53. 5,741,666, Apr. 21, 1993, Compositions and methods, for the treatment of body weight disorders, including obesity; Louis Anthony Tartaglia, 435/69.1, 252.3, 320.1, **325**; 536/23.5, 24.31 [IMAGE AVAILABLE]
54. 5,739,018, Apr. 14, 1993, Packaging cell lines for pseudotyped retroviral **vectors**; Atsushi Miyanojara, et al., 435/456, 320.1, **325**, 463 [IMAGE AVAILABLE]
55. 5,728,819, Mar. 17, 1993, Secreted proteins and polynucleotides encoding them; Kenneth Jacobs, et al., 536/23.5; 435/69.1, 252.3, 254.11, 320.1, **325**; 530/300; 536/23.1 [IMAGE AVAILABLE]
56. 5,728,546, Mar. 17, 1993, Fibroblast growth factor 13; John M. Greene, et al., 435/69.1, 320.1, **325**; 536/23.51 [IMAGE AVAILABLE]
57. 5,716,040, Mar. 10, 1993, Cosmetic compositions including tropoelastin isomorphs; Burt D. Ensley, et al., 435/69.1; 424/59, 69, 78.03, 401; 435/69.7, 69.8, 252.3, 252.33, 320.1, **325**, 366; 514/2, 12; 530/350, 353 [IMAGE AVAILABLE]
58. 5,723,363, Mar. 3, 1993, Human pancreatic cell lines: developments and uses; Fred Levine, et al., **435/325**, 320.1, 377, 373 [IMAGE AVAILABLE]
59. 5,723,315, Mar. 3, 1993, Secreted proteins and polynucleotides encoding them; Kenneth Jacobs, et al., 435/69.1, 252.3, 254.11, **325**; 514/12; 530/350; 536/23.5 [IMAGE AVAILABLE]
60. 5,701,118, Feb. 24, 1993, Mammalian artificial chromosomes and methods of using same; Immo E. Scheffler, 435/69.1, 320.1, **325**, 449; 514/44; 536/23.1, 23.5 [IMAGE AVAILABLE]
61. 5,712,156, Jan. 27, 1993, Enhanced implantation, development and maintenance of embryos using leukaemia inhibitory factor; Richard Charles Fry, et al., **435/325** [IMAGE AVAILABLE]

62. 5,710,034, Jan. 20, 1998, Polynucleotides that encode the calcitonin gene-related peptide receptor component factor (HOUND44); John E. Adamou, et al., 435/69.1, 252.3, 320.1, **325**; 536/23.1, 23.5 [IMAGE AVAILABLE]
63. 5,708,157, Jan. 13, 1998, Secreted proteins and polynucleotides encoding them; Kenneth Jacobs, et al., 536/23.5; 424/559; 435/69.1, 252.3, 254.11, 320.1, **325**; 530/300, 350, 850 [IMAGE AVAILABLE]
64. 5,707,329, Jan. 13, 1998, DNA sequences and secreted proteins encoded thereby; Kenneth Jacobs, et al., 435/69.1, 252.3, 320.1, **325**; 536/23.5 [IMAGE AVAILABLE]
65. 5,698,445, Dec. 16, 1997, Human PAK65; Arie Abo, et al., **435/325**, 252.3, 320.1, 348; 536/23.2 [IMAGE AVAILABLE]
66. 5,695,335, Dec. 9, 1997, Neurogenic differentiation (neurod) genes; Harold M. Weintraub, deceased, et al., 435/455, 69.1, 69.4, 252.33, 320.1, **325**, 357, 360; 536/23.1, 23.5, 23.51 [IMAGE AVAILABLE]
67. 5,691,179, Nov. 25, 1997, Cell death regulators; Stanley J. Korsmeyer, 435/395, 252.3, 254.11, 320.1, **325**, 372, 372.2; 536/23.5, 24.31 [IMAGE AVAILABLE]
68. 5,681,714, Oct. 23, 1997, Nucleic acid encoding tek receptor tyrosine kinase; Martin L. Breitman, deceased, et al., 435/69.1, 194, 252.3, 254.11, 320.1, **325**, 352, 358, 365, 367 [IMAGE AVAILABLE]
69. 5,675,863, Oct. 7, 1997, Immortalized rabbit hybridoma fusion partner; Katherine L. Knight, 800/14; **435/325**, 326, 383; 800/22, 25 [IMAGE AVAILABLE]
70. 5,674,739, Oct. 7, 1997, Human gene FOHY030 coding for tumor progression inhibitor; Andrew W. Shyjan, 435/252.3, 254.2, 320.1, **325**, 348; 536/23.5 [IMAGE AVAILABLE]
71. 5,665,583, Sep. 9, 1997, Methods and materials relating to IMPDH and GMP production; Frank R. Collart, et al., 435/191, 89, 252.3, 252.33, 320.1, **325**, 358; 536/23.2, 23.5 [IMAGE AVAILABLE]
72. 5,658,780, Aug. 19, 1997, Rel a targeted ribozymes; Dan T. Stinchcomb, et al., 435/365, 5, 91.31, 320.1, **325**; 514/44; 536/23.1, 23.2, 24.5 [IMAGE AVAILABLE]
73. 5,650,501, Jul. 22, 1997, Serine/threonine kinase and nucleic acids encoding same; James W. Dennis, et al., 536/23.2; 435/69.1, 194, 320.1, **325**, 348, 352, 358, 365, 367, 419; 530/324, 350; 536/24.1, 24.31 [IMAGE AVAILABLE]
74. 5,650,313, Jul. 22, 1997, Ubiquitin conjugating enzymes 8 and 9; Jian Ni, et al., 435/193, 69.1, 252.3, 320.1, **325**, 352, 357, 358, 364, 365, 367; 536/23.2 [IMAGE AVAILABLE]
75. 5,650,295, Jul. 22, 1997, Macrophage migration inhibitory factor-3; Baodong Li, et al., 435/69.1, 69.5, 91.41, 252.3, 320.1, **325**, 348, 358, 365.1, 366, 419; 536/23.1, 23.5 [IMAGE AVAILABLE]
76. 5,646,040, Jul. 8, 1997, Mammalian tub gene; Patrick W. Kleyn, et al., **435/325**, 320.1, 348, 357, 358, 364, 365, 369, 419; 536/23.5, 24.3, 24.31 [IMAGE AVAILABLE]
77. 5,633,161, May 27, 1997, Murine gene fomy030 coding for tumor progression inhibitor; Andrew W. Shyjan, **435/325**, 69.1, 252.3, 252.35, 254.2, 320.1, 348, 352, 357, 358, 365, 369; 536/23.1, 23.5 [IMAGE AVAILABLE]

78. 5,624,837, Apr. 29, 1997, Nucleic acid encoding chimeric complement inhibitor proteins; William L. Fodor, et al., 435/325, 320.1, 357; 536/23.4 [IMAGE AVAILABLE]

79. 5,622,852, Apr. 22, 1997, Bcl-x/Bcl-2 associated cell death regulator; Stanley J. Korsmeyer, 435/325, 252.3, 252.33, 254.11, 348; 536/23.4, 23.5, 24.31, 24.33 [IMAGE AVAILABLE]

80. 5,614,346, Mar. 25, 1997, Methods for the genetic modification of endogenous genes in animal cells by homologous recombination; Allan Bradley, et al., 435/463, 325 [IMAGE AVAILABLE]

81. 5,692,024, Feb. 11, 1997, DNA encoding a hypothalamic atypical neuropeptide Y/peptide YY receptor (Y5) and uses thereof; Christophe P. J. Gerald, et al., 435/325, 252.3, 254.11, 320.1, 348, 365, 369; 536/23.5 [IMAGE AVAILABLE]

82. 5,589,362, Dec. 31, 1996, Tetracycline regulated transcriptional modulators with altered DNA binding specificities; Hermann Bujard, et al., 435/69.1, 320.1, 325, 358, 455; 536/23.4, 24.1 [IMAGE AVAILABLE]

83. 5,523,226, Jan. 4, 1996, **Transgenic swine** compositions and methods; Matthew B. Wheeler, 435/325; 424/9.1; 435/7.23, 378 [IMAGE AVAILABLE]

84. 5,512,455, Apr. 30, 1996, Atrial natriuretic peptide receptor protein; Dale B. Schenk, 435/69.1, 252.3, 252.33, 320.1, 325; 536/23.5; 430/50 [IMAGE AVAILABLE]

85. 5,480,799, Jan. 2, 1996, Sperm antigen corresponding to a sperm zona binding protein autoantigenic epitope; Michael G. O'Rand, et al., 435/252.3; 424/92.2, 320.1; 435/69.1, 254.2, 254.21, 320.1, 325, 348; 536/23.1, 23.5, 24.3 [IMAGE AVAILABLE]

86. 5,366,894, Nov. 12, 1994, Peptide production; Anthony J. Clark, et al., 435/320.1, 69.1, 325 [IMAGE AVAILABLE]

87. 5,366,886, Nov. 12, 1994, Enhanced maintenance of pregnancy using leukaemia inhibitory factor in embryo culturing; Richard C. Fry, et al., 435/375, 325, 378, 806; 600/33, 34 [IMAGE AVAILABLE]

End 100-163 171

100. 5,767,819, Jan. 13, 1998, DNA sequences and secreted proteins encoded thereby; Kenneth Jacobs, et al., 435/69.1, 252.3, 320.1, 325; 536/23.5 [IMAGE AVAILABLE]

101. 5,705,380, Jan. 6, 1998, Identification of a gene encoding TULP2, a retina specific protein; Michael North, et al., 1.1; 435/6, 91.2, 320.1; 536/23.1, 23.5, 24.3, 24.31, 24.33 [IMAGE AVAILABLE]

102. 5,693,445, Dec. 16, 1997, Human PAK65; Arie Aho, et al., 435/325, 252.3, 320.1, 348; 536/23.2 [IMAGE AVAILABLE]

103. 5,695,995, Dec. 9, 1997, Neurogenic differentiation (neurod) genes; Harold M. Weintraub, deceased, et al., 435/455, 69.1, 69.4, 252.33, 320.1, 325, 357, 360; 536/23.1, 23.5, 23.51 [IMAGE AVAILABLE]

104. 5,691,179, Nov. 25, 1997, Cell death regulators; Stanley J. Korsmeyer, 435/355, 252.3, 254.11, 320.1, 325, 372, 372.2; 536/23.5, 24.31 [IMAGE AVAILABLE]

105. 5,688,938, Nov. 18, 1997, Calcium receptor-active molecules; Edward M. Brown, et al., 536/23.5; 435/7.1, 69.1, 252.3, 320.1; 530/300,

324, 326, 350; 536/23.1, 24.31 [IMAGE AVAILABLE]

106. 5,681,714, Oct. 1997, Nucleic acid encoding tyrosine kinase; Martin L. Breitman, deceased, et al., 435/69.1, 194, 252.3, 254.11, **320.1**, 325, 352, 358, 365, 367 [IMAGE AVAILABLE]

107. 5,679,880, Oct. 21, 1997, Oral immunization by transgenic plants; Roy Curtiss, III, et al., 800/298; 424/93.7, 234.1, 439; 435/69.3, 252.3, **320.1**, 419; 536/23.7 [IMAGE AVAILABLE]

108. 5,674,739, Oct. 7, 1997, Human gene FOHY030 coding for tumor progression inhibitor; Andrew W. Shyjan, 435/252.3, 254.2, **320.1**, 325, 348; 536/23.5 [IMAGE AVAILABLE]

109. 5,665,583, Sep. 9, 1997, Methods and materials relating to IMPDH and GMP production; Frank R. Collart, et al., 435/191, 89, 252.3, 252.33, **320.1**, 325, 358; 536/23.2, 23.5 [IMAGE AVAILABLE]

110. 5,665,357, Sep. 9, 1997, Antibodies recognizing tumor associated antigen CA 55.1; Michael Samuel Rose, et al., 424/178.1, 130.1, 181.1, 182.1, 183.1; 435/7.92, 69.7, 91.1, 252.3, **320.1**, 331, 332, 344, 344.1; 536/23.9, 328, 387.1, 337.3, 368.8, 391.3, 391.7, 391.9; 536/23.53 [IMAGE AVAILABLE]

111. 5,658,780, Aug. 19, 1997, Rel a targeted ribozymes; Dan T. Stinchcomb, et al., 435/366, 6, 91.31, **320.1**, 325; 514/44; 536/23.1, 23.2, 24.5 [IMAGE AVAILABLE]

112. 5,654,154, Aug. 5, 1997, Oral immunization by transgenic plants; Roy Curtiss, III, et al., 424/234.1, 93.7, 439; 435/69.3, 252.3, **320.1**; 536/23.7 [IMAGE AVAILABLE]

113. 5,654,168, Aug. 5, 1997, Tetracycline-inducible transcriptional activator and tetracycline-regulated transcription units; Hermann Bujard, et al., 435/69.1, **320.1**; 536/23.7, 24.1 [IMAGE AVAILABLE]

114. 5,650,501, Jul. 22, 1997, Serine/threonine kinase and nucleic acids encoding same; James W. Dennis, et al., 536/23.2; 435/69.1, 194, **320.1**, 325, 348, 352, 358, 365, 367, 419; 530/324, 350; 536/24.1, 24.31 [IMAGE AVAILABLE]

115. 5,650,320, Jul. 22, 1997, Lanthionine antibiotic compositions and methods; Page W. Caulfield, et al., 435/252.3, 252.33, 253.4, **320.1**; 536/23.7 [IMAGE AVAILABLE]

116. 5,650,313, Jul. 22, 1997, Ubiquitin conjugating enzymes 8 and 9; Nian Ni, et al., 435/193, 69.1, 252.3, **320.1**, 325, 352, 357, 358, 364, 365, 367; 536/23.2 [IMAGE AVAILABLE]

117. 5,650,296, Jul. 22, 1997, Tight control of gene expression in eucaryotic cells by tetracycline-responsive promoters; Hermann Bujard, et al., 435/69.7, **320.1**, 463; 536/23.4, 24.1 [IMAGE AVAILABLE]

118. 5,650,285, Jul. 22, 1997, Macrophage migration inhibitory factor-3; Haddong Li, et al., 435/69.1, 69.5, 91.41, 252.3, **320.1**, 325, 348, 358, 365.1, 366, 419; 536/23.1, 23.5 [IMAGE AVAILABLE]

119. 5,646,040, Jul. 8, 1997, Mammalian tub gene; Patrick W. Kleyn, et al., 435.325, **320.1**, 348, 357, 358, 364, 365, 369, 419; 536/23.5, 24.3, 24.31 [IMAGE AVAILABLE]

120. 5,643,762, Jul. 1, 1997, Method for making recombinant yeast artificial chromosomes by minimizing diploid doubling during mating; Barbara Lunn, et al., 435/91.1, 6, 91.2, **320.1**; 536/24.3, 24.31, 24.32, 24.53 [IMAGE AVAILABLE]

111. 5,639,616, Jun. 17, 1997, Isolated nucleic acid encoding a ubiquitous nuclear receptor; Shutsung Liao, et al., 435/1, 69.1, 252.3, **320.1**; 536/23.5, 24.3 [IMAGE AVAILABLE]
112. 5,635,333, Jun. 3, 1997, Agonist antibodies against the flk2/flt3 receptor and uses thereof; Brian D. Bennett, et al., 435/334; 424/85.1, 85.2, 85.5; 435/70.21, **320.1**, 328; 530/351, 387.3, 388.22, 389.1; 536/23.53 [IMAGE AVAILABLE]
113. 5,633,134, May 27, 1997, Lysosomal targeting of immunogens; J. Thomas August, et al., 514/44; 424/185.1, 192.1; 435/69.3, 252.3, **320.1**; 530/350, 395, 406; 536/23.4, 23.5 [IMAGE AVAILABLE]
114. 5,633,161, May 27, 1997, Murine gene fomy030 coding for tumor progression inhibitor; Andrew W. Shyjan, 435/325, 69.1, 252.3, 254.15, 254.1, **320.1**, 348, 352, 357, 358, 365, 369; 536/23.1, 23.5 [IMAGE AVAILABLE]
115. 5,631,153, May 20, 1997, Cells and non-human organisms containing predetermined genomic modifications and positive-negative selection methods and **vectors** for making same; Mario R. Capecchi, et al., 435/6, **320.1**, 463 [IMAGE AVAILABLE]
116. 5,629,837, Apr. 29, 1997, Nucleic acid encoding chimeric complement inhibitor proteins; William L. Fodor, et al., 435/325, **320.1**, 357; 536/23.4 [IMAGE AVAILABLE]
117. 5,627,861, Apr. 22, 1997, Recombinant DNA encoding hepatitis A virus receptor; Gerardo Kaplan, et al., 435/252.3, 69.1, **320.1**; 530/350; 536/23.5 [IMAGE AVAILABLE]
118. 5,609,299, Feb. 11, 1997, **Transgenic** animal models for neurodegenerative disease; Robert A. Lazzarini, 800/12; **435/320.1**; 536/23.5; 800/9, 18 [IMAGE AVAILABLE]
119. 5,602,024, Feb. 11, 1997, DNA encoding a hypothalamic atypical neuropeptide Y/peptide YY receptor (Y5) and uses thereof; Christophe P. G. Gerald, et al., 435/325, 252.3, 254.11, **320.1**, 348, 365, 369; 536/23.5 [IMAGE AVAILABLE]
120. 5,595,900, Jan. 21, 1997, Methods and products for the synthesis of oligosaccharide structures or glycoproteins, glycolipids, or as free molecules, and for the isolation of cloned genetic sequences that determine these structures; John B. Lowe, 435/193, 69.1, **320.1**; 536/23.2 [IMAGE AVAILABLE]
121. 5,593,887, Jan. 14, 1997, Oligosaccharide enzyme substrates and inhibitors: methods and compositions; Chi-Huey Wong, et al., 435/252.33, 69.1, 69.2, **320.1**; 536/4.1, 17.2, 17.3, 17.9, 118, 119 [IMAGE AVAILABLE]
122. 5,589,582, Dec. 31, 1996, Polynucleotides encoding **porcine** cytokines; Robert J. Hawley, et al., 536/23.5; 435/91.1, 252.3, **320.1**; 530/351; 536/23.51 [IMAGE AVAILABLE]
123. 5,583,362, Dec. 31, 1996, Tetracycline regulated transcriptional modulators with altered DNA binding specificities; Hermann Bujard, et al., 435/69.1, **320.1**, 325, 358, 455; 536/23.4, 24.1 [IMAGE AVAILABLE]
124. 5,585,987, Dec. 17, 1996, Assay for identifying extracellular signaling proteins; Kevin D. Lustig, et al., 424/9.2, 9.1, 93.1, 93.2; 435/4, 6, 7.21, 7.4, 69.1, 91.41, **320.1**, 375 [IMAGE AVAILABLE]
125. 5,574,205, Nov. 12, 1996, Homologous recombination for universal

donor cells and chimeric mammalian hosts; Raju Kucherlapati, et al., 800/3; 424/9.2, 93.21; **435/320.1**; 800/11, 18, 22 [IMAGE AVAILABLE]

135. 5,573,928, Nov. 12, 1996, **Porcine** vasoactive intestinal peptide receptor and DNA; Hansen M. Hsiung, et al., 435/69.1, 69.7, 252.3, **320.1**; 530/350; 536/23.4, 23.5 [IMAGE AVAILABLE]

137. 5,569,815, Oct. 29, 1996, **Transgenic** non-human animals capable of producing heterologous antibodies of various isotypes; Nils Lonberg, et al., 800/16; **435/320.1**; 536/23.53 [IMAGE AVAILABLE]

138. 5,550,034, Aug. 27, 1996, Apolipoprotein B mRNA editing protein compositions and methods; BaBie Teng, et al., 435/69.1, 199, **320.1**; 536/22.1, 23.1, 23.2, 23.5 [IMAGE AVAILABLE]

139. 5,545,806, Aug. 13, 1996, Ransgenic non-human animals for producing heterologous antibodies; Nils Lonberg, et al., 800/6; 424/184.1; 435/69.6, **320.1**; 536/23.1, 23.5, 23.53; 800/18 [IMAGE AVAILABLE]

140. 5,545,549, Aug. 13, 1996, DNA encoding a human neuropeptide Y-peptide YY (Y2) receptor and uses thereof; Christophe Gerald, et al., 435/365, 69.1, 70.3, 71.2, **320.1**, 369; 536/23.1, 23.5 [IMAGE AVAILABLE]

141. 5,525,467, Jun. 11, 1996, Nucleotide sequences; Rakesh Anand, 435/6, 2, 7.1, **320.1** [IMAGE AVAILABLE]

142. 5,511,911, May 21, 1996, Human PAK65; Arie Abo, et al., 435/194, 69.1, 252.3, **320.1**; 536/23.2 [IMAGE AVAILABLE]

143. 5,510,455, Apr. 30, 1996, Atrial natriuretic peptide receptor protein; Dale B. Schenk, 435/69.1, 252.3, 252.33, **320.1**, 325; 536/23.5; 430/50 [IMAGE AVAILABLE]

144. 5,491,283, Feb. 13, 1996, BCR/ABL **transgenic** animals as models for Philadelphia chromosome positive chronic myelogenous and acute lymphoblastic leukemia; John Groffen, et al., 800/10; 435/317.1, **320.1**; 800/13 [IMAGE AVAILABLE]

145. 5,487,920, Jan. 30, 1996, Cells and non-human organisms containing predetermined genomic modifications and positive-negative selection methods and **vectors** for making same; Mario R. Capecchi, et al., 435/6, **320.1** [IMAGE AVAILABLE]

146. 5,486,529, Jan. 23, 1996, Construction and use of synthetic constructs encoding syndecan; Scott Saunders, et al., 530/395; 435/69.1, 69.7, 252.3, **320.1**; 536/23.4, 23.5 [IMAGE AVAILABLE]

147. 5,480,799, Jan. 2, 1996, Sperm antigen corresponding to a sperm zona binding protein autoantigenic epitope; Michael G. O'Rand, et al., 435/252.3; 424/93.2, 200.1; 435/69.1, 254.2, 254.21, **320.1**, 325, 343; 536/23.1, 23.5, 25.3 [IMAGE AVAILABLE]

148. 5,476,926, Dec. 19, 1995, Adipocyte-specific DNA sequences and use thereof in the production of **transgenic** animals exhibiting altered fat tissue metabolism; Bruce M. Spiegelman, et al., 536/24.1; **435/320.1**; 536/23.1 [IMAGE AVAILABLE]

149. 5,464,764, Nov. 7, 1995, Positive-negative selection methods and **vectors**; Mario R. Capecchi, et al., 435/6, **320.1**, 463; 536/23.1, 23.2, 23.5, 23.6, 23.7, 23.72 [IMAGE AVAILABLE]

150. 5,453,361, Sep. 26, 1995, Method for producing biologically active human brain derived neurotrophic factor; George Yancopoulos, et al., 435/69.1, 252.1, 252.3, 252.33, 252.8, **320.1**, 365.1; 530/350;

536/23.1, 23.5 [IMAGE AVAILABLE]

151. 5,441,875, Aug. 1995, Urea transporter polypeptide; Matthias A. Hediger, 435/69.1, 6, 71.1, **320.1**; 536/23.1, 23.5, 24.3, 24.31 [IMAGE AVAILABLE]

152. 5,434,058, Jul. 18, 1995, Apolipoprotein B mRNA editing protein compositions and methods; Nicholas O. Davidson, 435/69.1, 199, **320.1**, 370; 536/23.1, 23.1, 23.2, 23.5 [IMAGE AVAILABLE]

153. 5,477,940, Jun. 27, 1995, Engineered cells producing insulin in response to glucose; Christopher B. Newgard, 435/366; 424/520; 435/4, 6, 69.1, **320.1**; 530/303, 350, 369.2, 397 [IMAGE AVAILABLE]

154. 5,413,423, May 9, 1995, Homologous recombination for universal donor cells and chimeric mammalian hosts; Raju Kucherlapati, et al., 435/463, **320.1**, 371 [IMAGE AVAILABLE]

155. 5,389,368, Feb. 14, 1995, Avirulent microbes and uses therefor; Roy Curtiss, III, 424/200.1, 93.4; 435/252.3, 252.33, **320.1** [IMAGE AVAILABLE]

156. 5,387,744, Feb. 7, 1995, Avirulent microbes and uses therefor: *Salmonella typhi*; Roy Curtiss, III, et al., 424/258.1; 435/252.3, 252.33, **320.1**, 879 [IMAGE AVAILABLE]

157. 5,366,894, Nov. 22, 1994, Peptide production; Anthony J. Clark, et al., **435/320.1**, 69.1, 325 [IMAGE AVAILABLE]

158. 5,326,857, Jul. 5, 1994, ABO genotyping; Fumi-ichiro Yamamoto, et al., 536/23.2; **435/320.1**, 367; 536/23.1 [IMAGE AVAILABLE]

159. 5,314,663, Jun. 28, 1994, Methods and products for the synthesis of oligosaccharide structures on glycoproteins, glycolipids, or as free molecules, and for the isolation of cloned genetic sequences that determine these structures; John B. Lowe, **435/320.1**, 69.1, 70.3, 193; 536/23.2 [IMAGE AVAILABLE]

160. 5,294,441, Mar. 15, 1994, Avirulent microbes and uses therefor: *Salmonella typhi*; Roy Curtiss, III, 424/200.1, 235.1, 258.1; 435/252.3, 252.33, **320.1**, 879 [IMAGE AVAILABLE]

161. 5,180,320, Jan. 19, 1993, Brain-derived neurotrophic factor; Yves-Alain Barde, et al., 536/23.51; 435/69.1, 69.3, **320.1**; 530/399, 412 [IMAGE AVAILABLE]

162. 5,169,764, Dec. 8, 1992, Multitrophic and multifunctional chimeric neurotrophic factors, and nucleic acids and plasmids encoding the chimeras; Eric M. Shooter, et al., 435/69.7, **320.1**; 514/12; 530/399, 402, 839 [IMAGE AVAILABLE]

163. 5,162,215, Nov. 10, 1992, Method of gene transfer into chickens and other avian species; Robert A. Bosselman, et al., 800/23; **435/320.1**, 948 [IMAGE AVAILABLE]



**STIC-ILL**

244033

From: Chen, Shin-Lin  
Sent: Tuesday, March 16, 1999 10:41 AM  
To: STIC-ILL  
Subject: literatures

Please make a copy of the following literatures and send them to me by 3-18-99. Thanks!  
Serial No. 08/984,900.

L19 ANSWER 92 OF 123 CAPLUS COPYRIGHT 1999 ACS  
TI \*\*\*Pig\*\*\* .alpha.1,3- \*\*\*galactosyltransferase\*\*\* : Sequence of a  
full-length cDNA clone, chromosomal localization of the corresponding  
gene, and inhibition of expression in cultured \*\*\*pig\*\*\* endothelial  
cells  
SO Transplant. Proc. (1995), 27(1), 245-6  
CODEN: TRPPA8; ISSN: 0041-1345  
AU Strahan, K. M.; Gu, F.; Andersson, L.; Gustafsson, K.

L19 ANSWER 94 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI CDNA sequence and chromosome localization of \*\*\*pig\*\*\* alpha-1,3  
\*\*\*galactosyltransferase\*\*\* .  
SO Immunogenetics, (1995) Vol. 41, No. 2-3, pp. 101-105.  
ISSN: 0093-7711.  
AU Strahan, Karen M.; Gu, Feng; Preece, Andrew F.; Gustavsson, Ingemar;  
Andersson, Leif; Gustafsson, Kenth (1)  
PD 1995

L19 ANSWER 95 OF 123 CAPLUS COPYRIGHT 1999 ACS  
TI \*\*\*Transgenic\*\*\* \*\*\*pigs\*\*\* : current status, challenges, and  
future prospects  
SO Organ Biol. (1995), 2(1), 67-75  
CODEN: ORBIF3; ISSN: 1340-5152  
AU Nagashima, Hiroshi; Yamakawa, Hirohito; Nagai, Takuya

L19 ANSWER 99 OF 123 MEDLINE  
TI Isolation of a cDNA clone encoding the \*\*\*pig\*\*\* alpha 1,3  
\*\*\*galactosyltransferase\*\*\* .  
SO TRANSPLANTATION PROCEEDINGS, (1994 Jun) 26 (3) 1335.  
Journal code: WE9. ISSN: 0041-1345.  
AU Dabkowski P L; Vaughan H A; McKenzie I F; Sandrin M S

L19 ANSWER 100 OF 123 MEDLINE  
TI Gal alpha(1,3)Gal is the major xenoepitope expressed on \*\*\*pig\*\*\*  
endothelial cells recognized by naturally occurring cytotoxic human  
antibodies.  
SO TRANSPLANTATION, (1994 Oct 27) 58 (8) 879-82.  
Journal code: WEJ. ISSN: 0041-1337.  
AU Vaughan H A; Loveland B E; Sandrin M S

L19 ANSWER 101 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI Progress and Emerging Problems in Livestock \*\*\*Transgenesis\*\*\* : A  
Summary Perspective.  
SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp. 653-657.  
ISSN: 1031-3613.

## STIC-ILL

From: Chen, Shin-Lin  
Sent: Tuesday, March 16, 1999 10:41 AM  
To: STIC-ILL  
Subject: literatures

Please make a copy of the following literatures and send them to me by 3-18-99. Thanks!  
Serial No. 08/984,900.

- L19 ANSWER 92 OF 123 CAPLUS COPYRIGHT 1999 ACS  
TI \*\*\*Pig\*\*\* .alpha.1,3- \*\*\*galactosyltransferase\*\*\* : Sequence of a full-length cDNA clone, chromosomal localization of the corresponding gene, and inhibition of expression in cultured \*\*\*pig\*\*\* endothelial cells  
SO Transplant. Proc. (1995), 27(1), 245-6  
CODEN: TRPPA8; ISSN: 0041-1345  
AU Strahan, K. M.; Gu, F.; Andersson, L.; Gustafsson, K.
- L19 ANSWER 94 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI CDNA sequence and chromosome localization of \*\*\*pig\*\*\* alpha-1,3 \*\*\*galactosyltransferase\*\*\*  
SO Immunogenetics, (1995) Vol. 41, No. 2-3, pp. 101-105.  
ISSN: 0093-7711.  
AU Strahan, Karen M.; Gu, Feng; Preece, Andrew F.; Gustavsson, Ingemar; Andersson, Leif; Gustafsson, Kenth (1)  
PD 1995
- L19 ANSWER 95 OF 123 CAPLUS COPYRIGHT 1999 ACS  
TI \*\*\*Transgenic\*\*\* \*\*\*pigs\*\*\* : current status, challenges, and future prospects  
SO Organ Biol. (1995), 2(1), 67-75  
CODEN: ORBIF3; ISSN: 1340-5152  
AU Nagashima, Hiroshi; Yamakawa, Hirohito; Nagai, Takuya
- L19 ANSWER 99 OF 123 MEDLINE  
TI Isolation of a cDNA clone encoding the \*\*\*pig\*\*\* alpha 1,3 \*\*\*galactosyltransferase\*\*\*  
SO TRANSPLANTATION PROCEEDINGS, (1994 Jun) 26 (3) 1335.  
Journal code: WE9. ISSN: 0041-1345.  
AU Dabkowski P L; Vaughan H A; McKenzie I F; Sandrin M S
- L19 ANSWER 100 OF 123 MEDLINE  
TI Gal alpha(1,3)Gal is the major xenoepitope expressed on \*\*\*pig\*\*\* endothelial cells recognized by naturally occurring cytotoxic human antibodies.  
SO TRANSPLANTATION, (1994 Oct 27) 58 (8) 879-82.  
Journal code: WEJ. ISSN: 0041-1337.  
AU Vaughan H A; Loveland B E; Sandrin M S
- L19 ANSWER 101 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI Progress and Emerging Problems in Livestock \*\*\*Transgenesis\*\*\* : A Summary Perspective.  
SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp. 653-657.  
ISSN: 1031-3613.

Seamark, R. F.  
1994

08/984,900

Chen/633  
984900

L19 ANSWER 102 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI \*\*\*Transgenic\*\*\* Livestock as Genetic Models of Human Disease.  
SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp. 643-645.  
ISSN: 1031-3613.  
AU Petters, Robert M.  
PD 1994

244065

L19 ANSWER 103 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI Development and Validation of \*\*\*Swine\*\*\* \*\*\*Embryonic\*\*\* Stem  
\*\*\*Cells\*\*\* : A Review.  
SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp. 563-568.  
ISSN: 1031-3613.  
AU Wheeler, Matthew B.  
PD 1994

L19 ANSWER 106 OF 123 MEDLINE  
TI Gal alpha (1,3)Gal, the major xenoantigen(s) recognised in \*\*\*pigs\*\*\*  
by human natural antibodies.  
SO IMMUNOLOGICAL REVIEWS, (1994 Oct) 141 169-90. Ref: 61  
Journal code: GG4. ISSN: 0105-2896.  
AU Sandrin M S; McKenzie I F

L19 ANSWER 107 OF 123 EMBASE COPYRIGHT 1999 ELSEVIER SCI. B.V.  
TI .alpha.1,3Galactosyltransferase: A target for in vivo genetic manipulation  
in xenotransplantation.  
SO Immunological Reviews, (1994) -/141 (59-70).  
ISSN: 0105-2896 CODEN: IMRED2  
AU Gustafsson K.; Strahan K.; Preece A.  
PD 1994

L19 ANSWER 112 OF 123 MEDLINE  
TI Characterisation of a cDNA clone encoding the \*\*\*pig\*\*\* alpha 1,3  
\*\*\*galactosyltransferase\*\*\* : implications for xenotransplantation.  
SO TRANSPLANTATION PROCEEDINGS, (1993 Oct) 25 (5) 2921.  
Journal code: WE9. ISSN: 0041-1345.  
AU Dabkowski P L; Vaughan H A; McKenzie I F; Sandrin M S

L19 ANSWER 113 OF 123 MEDLINE  
TI Studies on ~~human naturally occurring~~ antibodies to \*\*\*pig\*\*\*  
\*\*\*xenografts\*\*\* .  
SO TRANSPLANTATION PROCEEDINGS, (1993 Oct) 25 (5) 2917-8.  
Journal code: WE9. ISSN: 0041-1345.  
AU Sandrin M S; Vaughan H A; Dabkowski P L; McKenzie I F

L19 ANSWER 114 OF 123 MEDLINE  
TI Manipulating early \*\*\*pig\*\*\* embryos.  
SO JOURNAL OF REPRODUCTION AND FERTILITY. SUPPLEMENT, (1993) 48 75-94. Ref:  
148  
Journal code: JWR. ISSN: 0449-3087.  
AU Niemann H; Reichelt B

RC  
3/11/8  
.104

Shin-Lin Chen  
CM1 12E03  
(703)305-1678  
AU 1633

## STIC-ILL

From: Chen, Shin-Lin  
Sent: Tuesday, March 16, 1999 10:41 AM  
To: STIC-ILL  
Subject: literatures

Please make a copy of the following literatures and send them to me by 3-18-99. Thanks!  
Serial No. 08/984,900.

- L19 ANSWER 92 OF 123 CAPLUS COPYRIGHT 1999 ACS  
TI \*\*\*Pig\*\*\* .alpha.1,3- \*\*\*galactosyltransferase\*\*\* : Sequence of a full-length cDNA clone, chromosomal localization of the corresponding gene, and inhibition of expression in cultured \*\*\*pig\*\*\* endothelial cells  
SO Transplant. Proc. (1995), 27(1), 245-6  
CODEN: TRPPA8; ISSN: 0041-1345  
AU Strahan, K. M.; Gu, F.; Andersson, L.; Gustafsson, K.
- L19 ANSWER 94 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI CDNA sequence and chromosome localization of \*\*\*pig\*\*\* alpha-1,3 \*\*\*galactosyltransferase\*\*\*  
SO Immunogenetics, (1995) Vol. 41, No. 2-3, pp. 101-105.  
ISSN: 0093-7711.  
AU Strahan, Karen M.; Gu, Feng; Preece, Andrew F.; Gustavsson, Ingemar; Andersson, Leif; Gustafsson, Kenth (1)  
PD 1995
- L19 ANSWER 95 OF 123 CAPLUS COPYRIGHT 1999 ACS  
TI \*\*\*Transgenic\*\*\* \*\*\*pigs\*\*\* : current status, challenges, and future prospects  
SO Organ Biol. (1995), 2(1), 67-75  
CODEN: ORBIF3; ISSN: 1340-5152  
AU Nagashima, Hiroshi; Yamakawa, Hirohito; Nagai, Takuya
- L19 ANSWER 99 OF 123 MEDLINE  
TI Isolation of a cDNA clone encoding the \*\*\*pig\*\*\* alpha 1,3 \*\*\*galactosyltransferase\*\*\*  
SO TRANSPLANTATION PROCEEDINGS, (1994 Jun) 26 (3) 1335.  
Journal code: WE9. ISSN: 0041-1345.  
AU Dabkowski P L; Vaughan H A; McKenzie I F; Sandrin M S
- L19 ANSWER 100 OF 123 MEDLINE  
TI Gal alpha(1,3)Gal is the major xenoepitope expressed on \*\*\*pig\*\*\* endothelial cells recognized by naturally occurring cytotoxic human antibodies.  
SO TRANSPLANTATION, (1994 Oct 27) 58 (8) 879-82.  
Journal code: WEJ. ISSN: 0041-1337.  
AU Vaughan H A; Loveland B E; Sandrin M S
- L19 ANSWER 101 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI Progress and Emerging Problems in Livestock \*\*\*Transgenesis\*\*\* : A Summary Perspective.  
SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp. 653-657.  
ISSN: 1031-3613.

## STIC-ILL

From: Chen, Shin-Lin  
Sent: Tuesday, March 16, 1999 10:41 AM  
To: STIC-ILL  
Subject: literatures

Please make a copy of the following literatures and send them to me by 3-18-99. Thanks!  
Serial No. 08/984,900.

- L19 ANSWER 92 OF 123 CAPLUS COPYRIGHT 1999 ACS  
TI \*\*\*pig\*\*\* .alpha.1,3- \*\*\*galactosyltransferase\*\*\* : Sequence of a full-length cDNA clone, chromosomal localization of the corresponding gene, and inhibition of expression in cultured \*\*\*pig\*\*\* endothelial cells  
SO Transplant. Proc. (1995), 27(1), 245-6  
CODEN: TRPPA8; ISSN: 0041-1345  
AU Strahan, K. M.; Gu, F.; Andersson, L.; Gustafsson, K.
- L19 ANSWER 94 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI CDNA sequence and chromosome localization of \*\*\*pig\*\*\* alpha-1,3 \*\*\*galactosyltransferase\*\*\*  
SO Immunogenetics, (1995) Vol. 41, No. 2-3, pp. 101-105.  
ISSN: 0093-7711.  
AU Strahan, Karen M.; Gu, Feng; Preece, Andrew F.; Gustavsson, Ingemar; Andersson, Leif; Gustafsson, Kenth (1)  
PD 1995
- L19 ANSWER 95 OF 123 CAPLUS COPYRIGHT 1999 ACS  
TI \*\*\*Transgenic\*\*\* \*\*\*pigs\*\*\* : current status, challenges, and future prospects  
SO Organ Biol. (1995), 2(1), 67-75  
CODEN: ORBIF3; ISSN: 1340-5152  
AU Nagashima, Hiroshi; Yamakawa, Hirohito; Nagai, Takuya
- L19 ANSWER 99 OF 123 MEDLINE  
TI Isolation of a cDNA clone encoding the \*\*\*pig\*\*\* alpha 1,3 \*\*\*galactosyltransferase\*\*\*  
SO TRANSPLANTATION PROCEEDINGS, (1994 Jun) 26 (3) 1335.  
Journal code: WE9. ISSN: 0041-1345.  
AU Dabkowski P L; Vaughan H A; McKenzie I F; Sandrin M S
- L19 ANSWER 100 OF 123 MEDLINE  
TI Gal alpha(1,3)Gal is the major xenoepitope expressed on \*\*\*pig\*\*\* endothelial cells recognized by naturally occurring cytotoxic human antibodies.  
SO TRANSPLANTATION, (1994 Oct 27) 58 (8) 879-82.  
Journal code: WEJ. ISSN: 0041-1337.  
AU Vaughan H A; Loveland B E; Sandrin M S
- L19 ANSWER 101 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI Progress and Emerging Problems in Livestock \*\*\*Transgenesis\*\*\* : A Summary Perspective.  
SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp. 653-657.  
ISSN: 1031-3613.

emark, R. F.

1994

08/984,900

Chen/1633  
984900

L19 ANSWER 102 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI \*\*\*Transgenic\*\*\* Livestock as Genetic Models of Human Disease.  
SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp. 643-645.  
ISSN: 1031-3613.  
AU Petters, Robert M.  
PD 1994

29E 9903170883

244036

L19 ANSWER 103 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI Development and Validation of \*\*\*Swine\*\*\* \*\*\*Embryonic\*\*\* Stem  
\*\*\*Cells\*\*\* : A Review.  
SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp. 563-568.  
ISSN: 1031-3613.  
AU Wheeler, Matthew B.  
PD 1994

L19 ANSWER 106 OF 123 MEDLINE  
TI Gal alpha (1,3)Gal, the major xenoantigen(s) recognised in \*\*\*pig\*\*\*  
by human natural antibodies. \*\*\*Genetic and Technical Information\*\*\*  
SO IMMUNOLOGICAL REVIEWS, (1994 Oct) 141 169-90. Pef: 61  
Journal code: GG4. ISSN: 0105-2896.  
AU Sandrin M S; McKenzie I F

MAR 18 REC'D

PAT. & T.M. OFFICE

L19 ANSWER 107 OF 123 EMBASE COPYRIGHT 1999 ELSEVIER SCI. B.V.  
TI .alpha.1,3Galactosyltransferase: A target for in vivo genetic manipulation  
in xenotransplantation.  
SO Immunological Reviews, (1994) -/141 (59-70).  
ISSN: 0105-2896 CODEN: IMRED2  
AU Gustafsson K.; Strahan K.; Preece A.  
PD 1994

L19 ANSWER 112 OF 123 MEDLINE  
TI Characterisation of a cDNA clone encoding the \*\*\*pig\*\*\* alpha 1,3  
\*\*\*galactosyltransferase\*\*\* : implications for xenotransplantation.  
SO TRANSPLANTATION PROCEEDINGS, (1993 Oct) 25 (5) 2921.  
Journal code: WE9. ISSN: 0041-1345.  
AU Dabkowski P L; Vaughan H A; McKenzie I F; Sandrin M S

L19 ANSWER 113 OF 123 MEDLINE  
TI Studies on human naturally occurring antibodies to \*\*\*pig\*\*\*  
\*\*\*xenografts\*\*\* .  
SO TRANSPLANTATION PROCEEDINGS, (1993 Oct) 25 (5) 2917-8.  
Journal code: WE9. ISSN: 0041-1345.  
AU Sandrin M S; Vaughan H A; Dabkowski P L; McKenzie I F

L19 ANSWER 114 OF 123 MEDLINE  
TI Manipulating early \*\*\*pig\*\*\* embryos.  
SO JOURNAL OF REPRODUCTION AND FERTILITY. SUPPLEMENT, (1993) 48 75-94. Ref:  
148  
Journal code: JWR. ISSN: 0449-3087.  
AU Niemann H; Reichelt B

08 3/18

3/18

Shin-Lin Chen  
CM1 12E03  
(703)305-1678  
AU 1633

Seamark, R. F.  
1994

08/984,900

Chen/1633  
984900

L19 ANSWER 102 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI \*\*\*Transgenic\*\*\* Livestock as Genetic Models of Human Disease.  
SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp. 643-645.  
ISSN: 1031-3613.  
AU Petters, Robert M.  
PD 1994

L19 ANSWER 103 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI Development and Validation of \*\*\*Swine\*\*\* \*\*\*Embryonic\*\*\* Stem  
\*\*\*Cells\*\*\* : A Review.  
SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp. 563-568.  
ISSN: 1031-3613.  
AU Wheeler, Matthew B.  
PD 1994

L19 ANSWER 106 OF 123 MEDLINE  
TI Gal alpha (1,3)Gal, the major xenoantigen(s) recognised in \*\*\*pigs\*\*\*  
by human natural antibodies.  
SO IMMUNOLOGICAL REVIEWS, (1994 Oct) 141 169-90. Pef: 61  
Journal code: GG4. ISSN: 0105-2896.  
AU Sandrin M S; McKenzie I F

L19 ANSWER 107 OF 123 EMBASE COPYRIGHT 1999 ELSEVIER SCI. B.V.  
TI .alpha.1,3Galactosyltransferase: A target for in vivo genetic manipulation  
in xenotransplantation.  
SO Immunological Reviews, (1994) -/141 (59-70).  
ISSN: 0105-2896 CODEN: IMRED2  
AU Gustafsson K.; Strahan K.; Preece A.  
PD 1994

L19 ANSWER 112 OF 123 MEDLINE  
TI Characterisation of a cDNA clone encoding the \*\*\*pig\*\*\* alpha 1,3  
\*\*\*galactosyltransferase\*\*\* : implications for xenotransplantation.  
SO TRANSPLANTATION PROCEEDINGS, (1993 Oct) 25 (5) 2921.  
Journal code: WE9. ISSN: 0041-1345.  
AU Dabkowski P L; Vaughan H A; McKenzie I F; Sandrin M S

L19 ANSWER 113 OF 123 MEDLINE  
TI Studies on human naturally occurring antibodies to \*\*\*pig\*\*\*  
\*\*\*xenografts\*\*\* .  
SO TRANSPLANTATION PROCEEDINGS, (1993 Oct) 25 (5) 2917-8.  
Journal code: WE9. ISSN: 0041-1345.  
AU Sandrin M S; Vaughan H A; Dabkowski P L; McKenzie I F

L19 ANSWER 114 OF 123 MEDLINE  
TI Manipulating early \*\*\*pig\*\*\* embryos.  
SO JOURNAL OF REPRODUCTION AND FERTILITY. SUPPLEMENT, (1993) 48 75-94. Ref:  
148  
Journal code: JWR. ISSN: 0449-3087.  
AU Niemann H; Reichelt B

Chen-Lin Chen

CM1 12E03  
(703)305-1678  
AU 1633

08/984,900

Chen/1633  
984900

AU Seamark, R. F.  
PD 1994

L19 ANSWER 102 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI \*\*\*Transgenic\*\*\* Livestock as Genetic Models of Human Disease.  
SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp. 643-645.  
ISSN: 1031-3613.

AU Petters, Robert M.  
PD 1994

244064

L19 ANSWER 103 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI Development and Validation of \*\*\*Swine\*\*\* \*\*\*Embryonic\*\*\* Stem  
\*\*\*Cells\*\*\* : A Review.  
SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp. 563-568.  
ISSN: 1031-3613.  
AU Wheeler, Matthew B.  
PD 1994

L19 ANSWER 106 OF 123 MEDLINE  
TI Gal alpha (1,3)Gal, the major xenoantigen(s) recognised in \*\*\*pigs\*\*\*  
by human natural antibodies.  
SO IMMUNOLOGICAL REVIEWS, (1994 Oct) 141 169-90. Ref: 61  
Journal code: GG4. ISSN: 0105-2896.  
AU Sandrin M S; McKenzie I F

L19 ANSWER 107 OF 123 EMBASE COPYRIGHT 1999 ELSEVIER SCI. B.V.  
TI .alpha.1,3Galactosyltransferase: A target for in vivo genetic manipulation  
in xenotransplantation.  
SO Immunological Reviews, (1994) -/141 (59-70).  
ISSN: 0105-2896 CODEN: IMRED2  
AU Gustafsson K.; Strahan K.; Preece A.  
PD 1994

L19 ANSWER 112 OF 123 MEDLINE  
TI Characterisation of a cDNA clone encoding the \*\*\*pig\*\*\* alpha 1,3  
\*\*\*galactosyltransferase\*\*\* : implications for xenotransplantation.  
SO TRANSPLANTATION PROCEEDINGS, (1993 Oct) 25 (5) 2921.  
Journal code: WE9. ISSN: 0041-1345.  
AU Dabkowski P L; Vaughan H A; McKenzie I F; Sandrin M S

L19 ANSWER 113 OF 123 MEDLINE  
TI Studies on human naturally occurring antibodies to \*\*\*pig\*\*\*  
\*\*\*xenografts\*\*\* .  
SO TRANSPLANTATION PROCEEDINGS, (1993 Oct) 25 (5) 2917-8.  
Journal code: WE9. ISSN: 0041-1345.  
AU Sandrin M S; Vaughan H A; Dabkowski P L; McKenzie I F

3/16  
U.165

L19 ANSWER 114 OF 123 MEDLINE  
TI Manipulating early \*\*\*pig\*\*\* embryos.  
SO JOURNAL OF REPRODUCTION AND FERTILITY. SUPPLEMENT, (1993) 48 75-94. Ref:  
148  
Journal code: JWR. ISSN: 0449-3087.  
AU Niemann H; Reichelt B

nil  
3/16  
RC  
404

Shen-Lin Chen  
CM1 12E03  
(703)305-1678  
AU 1633



## STIC-ILL

From: Chen, Shin-Lin  
Sent: Tuesday, March 16, 1999 10:41 AM  
To: STIC-ILL  
Subject: literatures

Please make a copy of the following literatures and send them to me by 3-18-99. Thanks!  
Serial No. 08/984,900.

- L19 ANSWER 92 OF 123 CAPLUS COPYRIGHT 1999 ACS  
TI \*\*\*Pig\*\*\* .alpha.1,3- \*\*\*galactosyltransferase\*\*\* : Sequence of a full-length cDNA clone, chromosomal localization of the corresponding gene, and inhibition of expression in cultured \*\*\*pig\*\*\* endothelial cells  
SO Transplant. Proc. (1995), 27(1), 245-5  
CODEN: TRPPA8; ISSN: 0041-1345  
AU Strahan, K. M.; Gu, F.; Andersson, L.; Gustafsson, K.
- L19 ANSWER 94 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI cDNA sequence and chromosome localization of \*\*\*pig\*\*\* alpha-1,3 \*\*\*galactosyltransferase\*\*\*  
SO Immunogenetics, (1995) Vol. 41, No. 2-3, pp. 101-105.  
ISSN: 0093-7711.  
AU Strahan, Karen M.; Gu, Feng; Preece, Andrew F.; Gustavsson, Ingemar; Andersson, Leif; Gustafsson, Kerth (1)  
PD 1995
- L19 ANSWER 95 OF 123 CAPLUS COPYRIGHT 1999 ACS  
TI \*\*\*Transgenic\*\*\* \*\*\*pigs\*\*\* : current status, challenges, and future prospects  
SO Organ Biol. (1995), 2(1), 67-75  
CODEN: ORBIF3; ISSN: 1340-5152  
AU Nagashima, Hiroshi; Yamakawa, Hirohito; Nagai, Takuya
- L19 ANSWER 99 OF 123 MEDLINE  
TI Isolation of a cDNA clone encoding the \*\*\*pig\*\*\* alpha 1,3 \*\*\*galactosyltransferase\*\*\*  
SO TRANSPLANTATION PROCEEDINGS, (1994 Jun) 26 (3) 1335.  
Journal code: WE9. ISSN: 0041-1345.  
AU Jabkowski P L; Vaughan H A; McKenzie I F; Sandrin M S
- L19 ANSWER 100 OF 123 MEDLINE  
TI Gal alpha(1,3)Gal is the major xenoepitope expressed on \*\*\*pig\*\*\* endothelial cells recognized by naturally occurring cytotoxic human antibodies.  
SO TRANSPLANTATION, (1994 Oct 27) 58 (8) 879-82.  
Journal code: WEJ. ISSN: 0041-1337.  
AU Vaughan H A; Loveland B E; Sandrin M S
- L19 ANSWER 101 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI Progress and Emerging Problems in Livestock \*\*\*Transgenesis\*\*\* : A Summary Perspective.  
SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp. 653-657.  
ISSN: 1031-3613.

AU - Shamark, R. F.  
PD 1994

68/984,900

Chen 1633  
984900

L19 ANSWER 102 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI \*\*\*Transgenic\*\*\* Livestock as Genetic Models of Human Disease.  
SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp. 643-645.  
ISSN: 1031-3613.  
AU Petters, Robert M.  
PD 1994

244034

L19 ANSWER 103 OF 123 BIOSIS COPYRIGHT 1999 BIOSIS  
TI Development and Validation of \*\*\*Swine\*\*\* \*\*\*Embryonic\*\*\* Stem  
\*\*\*Cells\*\*\* : A Review.  
SO Reproduction Fertility and Development, (1994) Vol. 6, No. 5, pp. 563-568.  
ISSN: 1031-3613.  
AU Wheeler, Matthew B.  
PD 1994

L19 ANSWER 106 OF 123 MEDLINE  
TI Gal alpha (1,3)Gal, the major xenoantigen(s) recognised in \*\*\*pigs\*\*\*  
by human natural antibodies.  
SO IMMUNOLOGICAL REVIEWS, (1994 Oct) 141 169-90. Ref: 61  
Journal code: GG4. ISSN: 0105-2896.  
AU Sandrin M S; McKenzie I F

L19 ANSWER 107 OF 123 EMBASE COPYRIGHT 1999 ELSEVIER SCI. B.V.  
TI .alpha.1,3Galactosyltransferase: A target for in vivo genetic manipulation  
in xenotransplantation.  
SO Immunological Reviews, (1994) -/141 (59-70).  
ISSN: 0105-2896 CODEN: IMRED2  
AU Gustafsson K.; Strahan K.; Preece A.  
PD 1994

L19 ANSWER 112 OF 123 MEDLINE  
TI Characterisation of a cDNA clone encoding the \*\*\*pig\*\*\* alpha 1,3  
\*\*\*galactosyltransferase\*\*\* : implications for xenotransplantation.  
SO TRANSPLANTATION PROCEEDINGS, (1993 Oct) 25 (5) 2921.  
Journal code: WE9. ISSN: 0041-1345.  
AU Dabkowski P L; Vaughan H A; McKenzie I F; Sandrin M S

L19 ANSWER 113 OF 123 MEDLINE  
TI Studies on human naturally occurring antibodies to \*\*\*pig\*\*\*  
\*\*\*xenografts\*\*\* .  
SO TRANSPLANTATION PROCEEDINGS, (1993 Oct) 25 (5) 2917-8.  
Journal code: WE9. ISSN: 0041-1345.  
AU Sandrin M S; Vaughan H A; Dabkowski P L; McKenzie I F

L19 ANSWER 114 OF 123 MEDLINE  
TI Manipulating early \*\*\*pig\*\*\* embryos.  
SO JOURNAL OF REPRODUCTION AND FERTILITY. SUPPLEMENT, (1993) 48 75-94. Ref:  
148  
Journal code: JWR. ISSN: 0449-3087.  
AU Niemann H; Reichelt B

Chen-Lin Chen  
CM1 12E03  
(703)305-1678  
AU 1633

agf - 442.8. J8222